

MAR 27 1991

# ALBERTA STATISTICAL REVIEW

FOURTH QUARTER, 1990

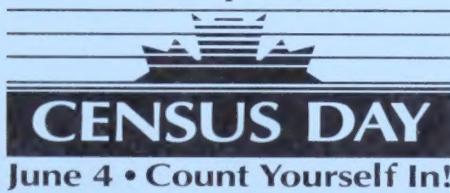


TREASURY  
Bureau of Statistics



**ALBERTA STATISTICAL REVIEW  
FOURTH QUARTER, 1990**

1 9 9 1 • C E N S U S



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**MARCH 1991**

## SYMBOLS

The following symbols are used in this publication:

..	figures not available
...	figures not appropriate or not applicable
-	nil or zero
--	amount too small to be expressed
p	preliminary
r	revised
PP	Preliminary Postcensal Estimates
PR	Updated Postcensal Estimates
PD	Final Postcensal Estimates
X	confidential
i	intentions
C	Census of Canada
CMA	Census Metropolitan Area
NO.	number
M	thousand(s)
MM	million(s)
GW.H	gigawatt hours

NOTE: Components may not add to total due to rounding.

## PREFACE

The Alberta Statistical Review provides users with a comprehensive look at Alberta's economy and its people in the form of statistical tables and charts. Although emphasis is given primarily to Alberta, many of the tables present information for Canada and the other provinces. Monthly data are generally available for the latest two years and for a historical perspective, annual data are presented for the last ten years.

Following the Alberta Census Division map is a summary table of current economic indicators for Canada and selected provinces. The 82 statistical tables are distributed among fourteen sections:

Population	Finance
Labour Force	Energy and Natural Resources
Income	Manufacturing
Prices	Construction
Gross Domestic Product	Agriculture
Investment	Retail Trade
International Trade	Travel

The statistics have been compiled from a variety of sources including Statistics Canada, federal and provincial government departments and the Alberta Bureau of Statistics. Sources of data are included with each table to aid users in obtaining more detailed data and additional information regarding definitions and concepts than can be presented here.

Many of the data series are also available on **ASIST (Alberta Statistical Information System)**, a computerized public data base maintained by the Alberta Bureau of Statistics. Access information is footnoted on the appropriate tables. Refer to the Definitions for more information about ASIST.

For further information or additional copies of this publication, please direct your enquiries to:

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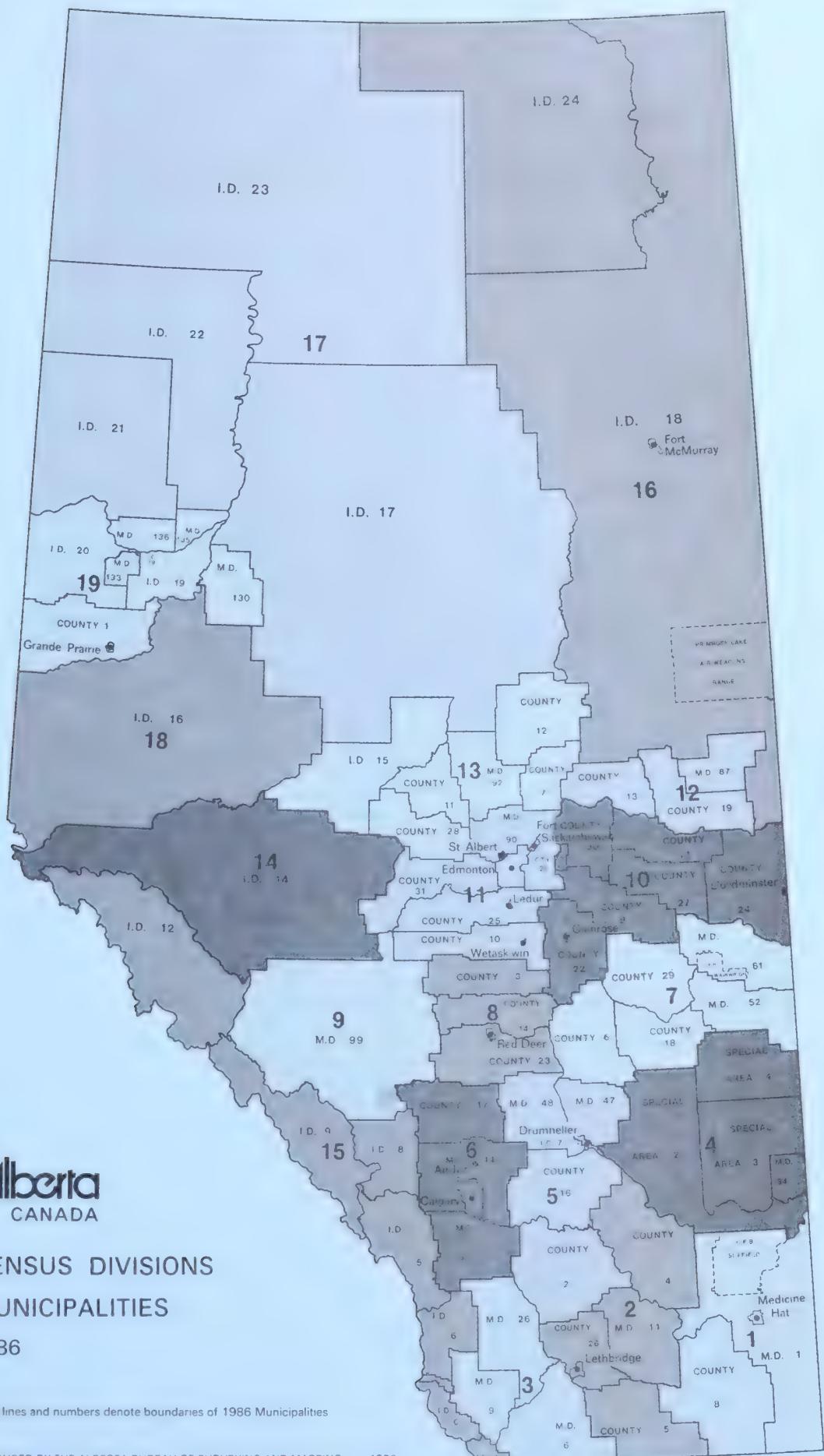
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**Alberta**  
CANADA

## CENSUS DIVISIONS MUNICIPALITIES

1986

Solid lines and numbers denote boundaries of 1986 Municipalities

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# CURRENT ECONOMIC INDICATORS CANADA AND SELECTED PROVINCES

	Reference Period	Canada	Alta.	B.C.	Sask.	Man.	Ont.
Population (Thousands)	Oct 1-90	26,727	2,486	3,168	998	1,091	9,793
Employment (Thousands)(1)	Dec-90	12,440	1,234	1,473	448	499	4,867
Unemployment (Thousands)(1)	Dec-90	1,281	104	150	33	44	414
Unemployment Rate %(1)	Dec-90	9.3	7.8	9.2	6.9	8.1	7.8
Employment/Population Ratio %(1)	Dec-90	60.5	66.7	60.0	62.1	61.8	63.6
Consumer Price Index (1986=100)	Dec-90	121.8	120.5	119.7	121.7	121.7	123.9
Average Weekly Earnings (\$)	Nov-90	523	517	531	456	466	545
Manufacturing Shipments (\$Millions)	Jan-Nov-90	272,690	18,187	22,776	3,688	6,623	141,986
Retail Trade (\$Millions) (1)	Jan-Nov-90	178,446	18,044	22,966	5,789	6,417	66,585
Per Capita Retail Trade (\$)	Nov-90	632	683	669	573	572	653
Farm Cash Receipts (\$Millions)	Jan-Sep-90	16,466	3,296	886	3,192	1,518	4,130
Building Permits (\$Millions)	Jan-Nov-90	30,762	2,832	4,741	444	707	13,405
Housing Starts, All Areas	Jan-Dec-90	181,630	17,227	36,720	1,417	3,297	62,649
Housing Starts, Urban Areas (2)	Jan-Dec-90	150,620	14,432	31,506	994	2,274	53,341
Construction Work Purchased (\$Millions)	1990(i)	105,987	13,333	14,664	4,156	3,742	40,173
Personal Income (\$Millions)	1989	553,938	51,067	64,423	17,234	19,887	230,055
Per Capita Personal Income (\$)	1989	21,124	21,076	21,099	17,109	18,332	24,017
GDP at Market Prices (\$Millions)	1989	652,835	66,748	76,332	19,610	23,485	273,352
Per Capita GDP (\$)	1989	24,895	27,548	25,000	19,468	21,649	28,537
Private & Public Investment (\$Millions)	1990(i)	180,084	21,965	23,296	6,929	6,083	68,197

## Percent Change From The Same Period A Year Ago

Population	Oct 1-90	1.4	1.9	2.8	-0.6	0.5	1.7
Employment (1)	Dec-90	-1.0	0.5	1.0	1.1	0.2	-2.4
Unemployment (1)	Dec-90	24.6	15.6	14.5	0.0	10.0	46.8
Unemployment Rate (1)	Dec-90	1.7*	1.0*	1.0*	0.0*	0.7*	2.4*
Employment/Population Ratio (1)	Dec-90	-1.5*	-0.8*	-1.0*	1.0*	-0.2*	-2.7*
Consumer Price Index	Dec-90	5.0	5.9	5.2	4.9	5.2	4.4
Average Weekly Earnings	Nov-90	5.6	5.4	5.6	5.6	3.6	4.8
Manufacturing Shipments	Jan-Nov-90	-2.7	6.0	-4.5	6.2	-1.3	-4.1
Retail Trade (1)	Jan-Nov-90	1.1	2.4	7.4	1.9	2.9	-0.7
Farm Cash Receipts	Jan-Sep-90	-1.0	-2.8	6.4	-4.5	-1.0	-2.2
Building Permits	Jan-Nov-90	-18.4	14.1	-3.0	-8.9	-13.2	-28.2
Housing Starts, All Areas	Jan-Dec-90	-15.7	17.1	-5.6	-25.7	-19.3	-32.9
Housing Starts, Urban Areas (2)	Jan-Dec-90	-17.8	16.9	-9.1	-30.7	-27.7	-34.2
Construction Work Purchased	1990(i)	5.9	13.0	10.2	16.4	9.8	1.9
Personal Income	1989	9.0	6.7	11.4	7.5	7.1	10.2
GDP at Market Prices	1989	8.2	6.7	10.2	8.2	9.0	8.8
Private & Public Investment	1990(i)	6.0	11.7	12.2	15.2	8.5	0.6

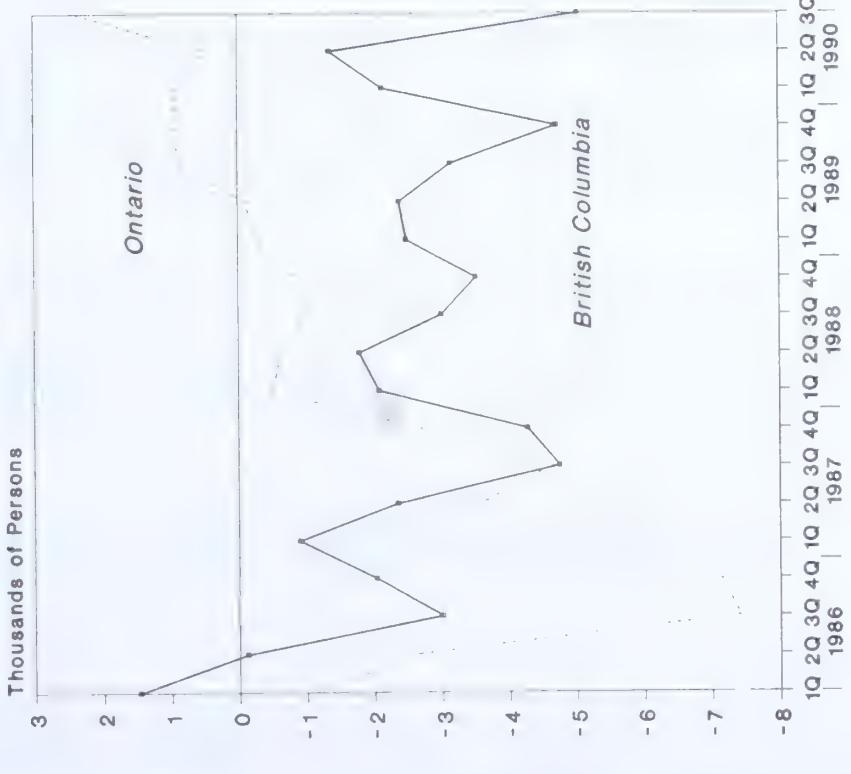
(1) Seasonally Adjusted

(2) Urban Centres of Population 10,000 and Over

\* Change in Percentage Points



## Alberta Net Population Exchange With B.C. and Ontario



- As of October 1, 1990, Alberta's population stood at 2,485,600, up 1.8% from October 1, 1989. The only province to record a higher rate of growth was British Columbia at 2.7%.
- For the first time since 1982, Alberta experienced three consecutive quarters of positive net inter-provincial migration. During the third quarter of 1990, a net inflow of 2,410 was more than that of the two previous quarters combined. A significantly sharp increase in Ontario migrants was noted during the third quarter.
- Also contributing to Alberta's population growth was a net gain of 3,420 in international migration during the third quarter of 1990. This was the second highest third quarter level in ten years.

## 1.1 POPULATION OF CANADA AND PROVINCES

	Canada	Nfld.	P.E.I.	N.S.	N.B.	Que.	Ont.	Man.	Sask.	Alta.*	B.C.	Yukon	N.W.T.
(Thousands)													
1980	24,043	566	123	845	695	6,386	8,570	1,025	959	2,142	2,666	22	45
1981 (C)	24,342	568	123	847	696	6,438	8,625	1,026	968	2,237	2,744	23	46
1982	24,583	566	122	850	697	6,462	8,703	1,033	977	2,315	2,788	24	47
1983	24,787	571	124	857	703	6,475	8,798	1,046	989	2,339	2,814	23	49
1984	24,978	572	125	864	708	6,492	8,902	1,055	1,001	2,339	2,848	23	50
1985	25,165	572	126	871	710	6,514	9,006	1,064	1,008	2,349	2,870	24	52
1986 (C)	25,353	568	127	873	710	6,540	9,113	1,071	1,010	2,375	2,889	24	52
1987 (PD)	25,617	568	127	878	712	6,593	9,265	1,079	1,016	2,378	2,925	25	52
1988 (PD)	25,909	569	129	882	714	6,641	9,431	1,084	1,014	2,389	2,980	25	52
1989 (PR)	26,223	571	130	886	719	6,692	9,579	1,085	1,007	2,423	3,053	25	53
1990 (PP)	26,584	573	130	892	724	6,762	9,731	1,090	1,000	2,470	3,132	26	54
4													
1988													
Jan 1 (PD)	25,786	567	128	880	713	6,619	9,371	1,081	1,014	2,377	2,959	25	52
Apr 1 (PD)	25,851	568	128	881	714	6,631	9,402	1,083	1,013	2,384	2,970	25	52
Jul 1 (PR)	25,937	569	129	883	715	6,646	9,443	1,085	1,013	2,391	2,986	25	52
Oct 1 (PR)	26,024	569	129	883	715	6,658	9,489	1,084	1,010	2,402	3,007	25	52
1989													
Jan 1 (PR)	26,097	570	130	884	716	6,672	9,523	1,083	1,008	2,409	3,026	26	53
Apr 1 (PR)	26,169	570	130	885	718	6,682	9,555	1,084	1,007	2,417	3,042	26	53
Jul 1 (PR)	26,254	571	130	887	719	6,698	9,591	1,086	1,008	2,427	3,059	25	53
Oct 1 (PR)	26,355	572	130	888	721	6,718	9,634	1,086	1,004	2,440	3,083	26	54
1990													
Jan 1 (PP)	26,440	573	131	889	722	6,736	9,668	1,087	1,002	2,449	3,106	26	54
Apr 1 (PP)	26,512	573	131	890	723	6,749	9,699	1,088	1,000	2,459	3,121	26	54
Jul 1 (PP)	26,620	573	130	892	724	6,771	9,748	1,091	1,000	2,473	3,139	26	54
Oct 1 (PP)	26,727	572	130	893	725	6,790	9,793	1,091	998	2,486	3,168	26	54

Source: \*Joint release by Alberta Bureau of Statistics and Statistics Canada beginning 2nd quarter 1986.

Alberta Bureau of Statistics, "Quarterly Population Growth"

Statistics Canada, Catalogue No.'s 91-002 and 91-210

(C) Census population which have been adjusted to June 1.

Note: Annual population are as of June 1.

\*\* MORE INFORMATION IS AVAILABLE THROUGH ASIST IN CANSIM MATRICES 1 AND 10 AND ASIST MATRIX 6128 \*\*

## 1.2 POPULATION BY AGE GROUPS AND SEX, ALBERTA

	June 1, 1989			June 1, 1990 (p)		
	Total	Male	Female	Total	Male	Female
Total Population	2,423,000	1,215,000	1,208,000	2,469,800	1,237,200	1,232,600
0-4 Years	206,200	105,200	100,900	210,200	107,100	103,100
5-9	191,500	98,500	93,000	195,600	100,600	95,000
10-14	174,700	89,700	85,000	177,900	91,500	86,400
15-19	180,800	92,700	88,100	180,700	92,400	88,300
20-24	194,800	98,000	96,700	193,900	98,300	95,700
25-29	237,700	118,500	119,200	233,100	116,000	117,100
30-34	240,000	122,000	118,000	242,600	122,600	120,000
35-39	203,000	103,300	99,600	213,400	108,500	104,900
40-44	168,200	85,200	83,000	177,700	90,100	87,600
45-49	126,000	64,200	61,700	131,800	67,200	64,700
50-54	104,600	53,200	51,400	106,800	54,200	52,600
55-59	97,800	50,000	47,800	98,100	49,900	48,100
60-64	84,900	42,000	42,900	87,300	43,500	43,900
65-69	73,400	34,200	39,200	74,500	34,800	39,700
70-74	54,700	24,500	30,300	57,100	25,400	31,700
75-79	40,600	17,100	23,500	42,700	18,000	24,800
80-84	25,600	10,100	15,400	26,400	10,400	16,000
85-89	13,000	4,800	8,200	13,900	5,100	8,800
90 Years and Over	5,700	1,700	4,000	5,900	1,700	4,200

Source: Joint release by Alberta Bureau of Statistics and Statistics Canada.  
Alberta Bureau of Statistics, "Quarterly Population Growth"  
Statistics Canada, Catalogue No. 91-210

Note: Some numbers may not add due to rounding.

\*\* MORE INFORMATION IS AVAILABLE IN ASIST MATRIX 6141 \*\*

### 1.3 ALBERTA POPULATION EXCHANGE WITH OTHER PROVINCES

	Nfld.	P.E.I.	N.S.	N.B.	Que.	Ont.	Man.	Sask.	B.C.	N.W.T.	Total
	(Number)										
<b>Migration to Alberta</b>											
1979	2,915	570	4,505	3,410	9,570	44,065	17,205	16,640	34,990	3,905	137,775
1986	1,120	260	2,100	1,180	1,680	10,950	3,890	9,630	20,510	1,710	52,990
1987	890	210	1,510	1,010	1,620	10,050	3,890	9,290	15,190	1,650	45,300
1988	1,270	280	1,870	1,400	2,530	14,790	5,850	13,320	19,000	1,980	62,300
1989	1,240	200	2,020	1,180	2,960	17,760	6,270	14,950	20,770	2,220	69,550
Jan-Mar	280	20	410	170	620	2,970	1,190	2,830	4,310	490	13,290
Apr-Jun	230	50	320	190	430	3,210	1,220	2,750	4,400	510	13,310
Jul-Sep	400	110	740	560	1,030	5,960	2,170	4,850	5,850	530	22,190
Oct-Dec	330	20	550	260	880	5,620	1,690	4,520	6,210	690	20,760
1990 (p)	280	40	260	310	360	3,190	970	3,230	4,190	310	13,140
Jan-Mar	170	90	350	220	310	3,550	1,330	3,290	4,560	420	14,310
Apr-Jun	510	140	810	710	1,470	8,040	2,690	5,930	6,840	800	27,930
Oct-Dec											
<b>Migration from Alberta</b>											
1979	1,490	415	2,465	1,770	2,550	18,240	6,640	13,715	42,145	2,455	91,885
1986	1,660	310	2,100	1,250	3,010	28,050	4,240	7,960	24,150	1,480	74,200
1987	1,110	350	2,190	1,320	2,500	24,270	4,330	7,100	27,810	1,940	72,890
1988	1,040	460	2,030	1,300	2,230	18,640	3,870	5,870	29,530	1,710	66,660
1989	970	380	2,000	1,400	1,850	16,340	4,010	7,150	33,520	1,950	69,540
Jan-Mar	170	50	300	370	370	3,210	820	1,480	6,800	420	13,970
Apr-Jun	140	60	360	200	330	3,330	840	1,710	6,790	410	14,180
Jul-Sep	370	130	670	380	550	5,080	1,100	1,770	9,000	510	19,540
Oct-Dec	290	140	670	450	600	4,720	1,250	2,190	10,930	610	21,850
1990 (p)	150	10	230	140	440	2,260	550	1,560	6,230	360	12,030
Jan-Mar	70	50	400	250	370	3,070	830	1,900	5,920	360	13,230
Apr-Jun	410	140	690	530	880	5,650	1,460	3,050	11,880	850	25,520
Oct-Dec											
<b>Net Exchange</b>											
1979	1,425	155	2,040	1,640	7,020	25,825	10,565	2,925	-7,155	1,450	45,890
1986	-550	-60	0	-80	-1,330	-17,090	-360	1,660	-3,650	240	-21,210
1987	-230	-130	-670	-310	-860	-14,230	-460	2,190	-12,610	-300	-27,590
1988	230	-180	-160	100	300	-3,850	1,980	7,450	-10,530	270	-4,360
1989	270	-180	20	-220	1,110	1,420	2,260	7,800	-12,750	270	-10
Jan-Mar	110	-30	110	-200	250	-240	370	1,350	-2,490	70	-680
Apr-Jun	90	-10	-40	-10	100	-120	380	1,040	-2,390	100	-870
Jul-Sep	30	-20	70	180	480	880	1,070	3,080	-3,150	20	2,650
Oct-Dec	40	-120	-120	-190	280	900	440	2,330	-4,720	80	-1,090
1990 (p)	130	30	30	170	-80	930	420	1,670	-2,140	-50	1,110
Jan-Mar	100	40	-50	-30	-60	480	500	1,390	-1,360	60	1,080
Apr-Jun	100	0	120	180	590	2,390	1,230	2,880	-5,040	-50	2,410
Oct-Dec											

Source: Joint release by Alberta Bureau of Statistics and Statistics Canada beginning 2nd quarter 1986.  
 Alberta Bureau of Statistics, "Quarterly Population Growth"  
 Statistics Canada, Catalogue No. 91-002

Note: Beginning with 1986, N.W.T. data include the Yukon.  
 \*\* MORE INFORMATION IS AVAILABLE IN ASIST MATRIX 6141 \*\*

## 1.4 POPULATION GROWTH BY COMPONENT, ALBERTA

	Net Migration			Natural Increase (Number)	Population Growth
	Interprovincial	International	Total		
1979	45,890	11,240	57,130	23,720	80,850
1986	-21,210	2,310	-18,900	30,240	11,340
1987	-27,590	5,300	-22,290	28,790	6,500
1988	-4,360	8,150	3,790	28,160	31,950
1989	10	10,060	10,070	29,870	39,940
Jan-Mar	-680	1,650	970	7,100	8,070
Apr-Jun	-870	2,370	1,500	8,400	9,900
Jul-Sep	2,650	3,530	6,180	7,220	13,400
Oct-Dec	-1,090	2,510	1,420	7,150	8,570
1990 (p)					
Jan-Mar	1,110	2,150	3,260	7,110	10,370
Apr-Jun	1,080	4,270	5,350	7,960	13,310
Jul-Sep	2,410	3,420	5,830	7,270	13,100
Oct-Dec					

Source: Joint release by Alberta Bureau of Statistics and Statistics Canada beginning 2nd quarter, 1986.

Alberta Bureau of Statistics, "Quarterly Population Growth"

Statistics Canada, Catalogue No. 91-002

\*\* MORE INFORMATION IS AVAILABLE IN ASIST MATRIX 6128 \*\*

## 1.5 VITAL STATISTICS, ALBERTA

	Live Births			Deaths	Natural Increase (Number)	Marriages	Divorces
	Interprovincial	International	Total				
1979	36,060	12,340	23,720	12,340	18,999	6,531	6,531
1986	43,850	13,610	30,240	13,610	18,896	9,386	9,386
1987	42,110	13,320	28,790	13,320	18,640	9,170	9,170
1988	42,050	13,890	28,160	13,890	19,272	8,644	8,644
1989	43,780	13,910	29,870	13,910	18,940	..	..
Jan-Mar	10,400	3,300	7,100	3,300	2,340	..	..
Apr-Jun	11,800	3,400	8,400	3,400	5,400	..	..
Jul-Sep	10,760	3,540	7,220	3,540	7,830	..	..
Oct-Dec	10,820	3,670	7,150	3,670	3,370	..	..
1990 (p)							
Jan-Mar	10,710	3,600	7,110	3,600	2,400	..	..
Apr-Jun	11,280	3,320	7,960	3,320	5,580	..	..
Jul-Sep	10,660	3,390	7,270	3,390	8,230	..	..
Oct-Dec							

Source: Joint release by Alberta Bureau of Statistics and Statistics Canada beginning 2nd quarter 1986.

Alberta Bureau of Statistics, "Quarterly Population Growth"

Statistics Canada, Catalogue No. 91-002, 82-003S #16, 82-003S #17

Note: Some numbers may not add due to the revision of annual numbers.

\*\* MORE INFORMATION IS AVAILABLE IN ASIST MATRICES 6128 AND 820 \*\*

## 1.6 POPULATION PROJECTIONS, ALBERTA

	1987*	1991	1996	2001	2006	2011	2016
(Thousands)							
Projection Series 1							
Total	2,380.1	2,442.1	2,542.2	2,639.8	2,737.2	2,836.7	2,924.2
Male	1,196.7	1,224.4	1,272.3	1,320.4	1,368.8	1,420.0	1,465.2
Female	1,183.4	1,217.7	1,269.9	1,319.5	1,368.3	1,416.7	1,459.0
0-14 Years							
15-24	567.6	577.3	566.3	519.6	473.3	457.4	453.2
25-44	396.1	339.9	349.9	388.8	413.2	386.1	343.1
45-64	825.1	866.2	850.3	808.2	763.3	779.2	827.9
65 and Over	390.7	436.3	519.4	637.0	769.5	840.9	835.8
200.6	222.4	256.4	286.2	317.8	373.1	464.2	
Projection Series 5							
Total	2,380.1	2,472.0	2,614.4	2,769.3	2,932.3	3,107.7	3,275.9
Male	1,196.7	1,240.7	1,311.5	1,390.2	1,473.8	1,565.3	1,653.2
Female	1,183.4	1,231.3	1,303.0	1,379.0	1,458.5	1,542.5	1,622.8
0-14 Years							
15-24	567.6	586.0	590.6	566.0	543.6	550.7	569.3
25-44	396.1	347.8	361.6	407.6	441.3	430.0	403.2
45-64	825.1	877.9	881.7	861.8	840.2	877.2	944.1
65 and Over	390.7	437.6	523.7	646.3	786.6	872.2	887.8
200.6	222.7	256.9	287.5	320.6	377.6	471.5	
Projection Series 9							
Total	2,380.1	2,511.4	2,714.3	2,934.9	3,167.8	3,427.7	3,692.0
Male	1,196.7	1,262.2	1,365.3	1,479.0	1,599.4	1,735.2	1,873.1
Female	1,183.4	1,249.3	1,349.0	1,455.8	1,568.4	1,692.6	1,818.9
0-14 Years							
15-24	567.6	597.8	626.0	631.9	642.9	684.3	740.6
25-44	396.1	358.0	378.3	429.2	471.3	478.7	474.3
45-64	825.1	893.0	922.4	927.5	924.4	974.9	1,051.9
65 and Over	390.7	439.5	529.1	656.6	805.5	907.5	946.4
200.6	223.2	258.4	289.7	323.6	382.3	478.9	

Source: Alberta Bureau of Statistics, "Population Projections, Alberta, 1987-2016"

\* Estimate

Note: Data refers to June 1 of reference year.

The projections are based on a combination of assumptions related to natural increase and net migration. All of the projection series have the same mortality assumption. Series 1 uses low fertility and low migration assumptions. Series 5 uses medium fertility and medium migration assumptions, and Series 9 uses high fertility and high migration assumptions.

See the source publication for further information.

\*\* MORE INFORMATION IS AVAILABLE IN ASIST MATRICES 6801-6809 \*\*

## 1.7 POPULATION OF ALBERTA CENSUS DIVISIONS AND CITIES

	1981(C)	1985	1986(C)	1987	1988	1989	1990
Alberta (1)	2,227,724	2,348,500	2,375,278	2,377,700	2,388,700	2,423,000	2,469,800
Census Divisions*(1)							
Census Division 1	55,375	56,210	56,592	56,800	56,600	56,900	57,200
Census Division 2	110,477	114,300	115,739	115,900	115,500	115,500	116,900
Census Division 3	35,656	35,900	(6) 34,970	36,600	36,500	36,400	36,600
Census Division 4	12,119	12,180	12,376	12,200	12,100	12,100	12,000
Census Division 5	38,382	39,270	38,805	38,800	39,900	40,100	39,200
Census Division 6	668,682	709,270	(6) 715,605	719,400	733,700	747,600	769,600
Census Division 7	40,071	41,080	40,681	40,400	39,700	39,400	39,200
Census Division 8	108,617	115,830	(6) 116,611	119,900	120,500	121,900	123,900
Census Division 9	15,025	15,580	15,999	16,000	16,000	16,200	16,300
Census Division 10	78,425	79,010	79,745	76,600	77,300	76,700	76,500
Census Division 11	762,033	802,150	(6) 807,504	812,400	816,800	826,200	844,500
Census Division 12	40,648	43,220	(6) 43,907	45,000	44,700	45,400	44,900
Census Division 13	53,701	55,490	54,973	55,000	55,400	55,400	56,200
Census Division 14	24,635	26,220	25,309	25,100	25,200	25,400	25,700
Census Division 15	21,666	22,100	(6) 22,794	24,400	24,300	25,100	26,000
Census Division 16	43,573	47,110	(6) 48,779	47,300	46,900	47,500	47,800
Census Division 17	44,063	47,590	48,852	49,200	49,400	49,700	50,100
Census Division 18	14,476	13,300	13,587	13,700	13,700	13,900	13,900
Census Division 19	70,100	72,590	72,997	72,900	71,100	71,800	73,300
Cities (2)							
Airdrie	8,414	10,431	10,390	10,461	10,957	11,424	11,904
Calgary CMA*(3)	625,966	625,143	(6) 671,326	678,500	688,600	706,000	724,800
Calgary (City)	592,743	636,104	636,104	647,285	657,118	671,138	692,885
Camrose	12,570	12,751	12,968	12,968	12,968	12,968	12,968
Drumheller	6,508	6,671	6,366	6,366	6,366	6,366	6,366
Edmonton CMA*(3)	740,882	560,085	(6) 785,465	788,900	791,400	803,500	817,800
Edmonton (City)	532,246	573,982	576,249	576,249	583,872	583,872	605,538
Fort McMurray	31,000	36,810	34,949	34,949	34,949	33,698	33,698
Fort Saskatchewan	12,169	12,474	11,983	11,983	11,983	11,983	11,753
Grande Prairie	24,263	25,056	26,471	26,471	26,648	27,208	27,558
Leduc	12,471	12,926	13,126	13,126	13,126	13,363	13,566
Lethbridge	54,072	59,901	58,841	60,610	60,610	60,614	60,614
Lloydminster (Alta. Portion)	8,997	10,557	10,201	10,201	10,201	10,201	10,201
Lloydminster (Sask. Portion)(4)	6,034	6,721	7,155	7,257	6,635	7,317	7,317
Medicine Hat	40,380	41,717	41,804	41,804	42,290	42,290	42,929
Red Deer	46,393	52,620	54,425	54,309	54,839	55,947	56,922
Spruce Grove	10,326	11,569	11,918	11,918	12,332	12,403	12,403
St. Albert	31,996	35,897	36,710	37,008	38,318	39,388	40,707
Wetaskiwin	9,597	10,022	10,071	10,103	10,103	10,203	10,203

Sources: (C) Census of Canada  
All Other Years:

- (1) Alberta Bureau of Statistics
- (2) Alberta Municipal Affairs, Municipal Services Branch (as of June 30 for each year)
- (3) Statistics Canada, Demography Division
- (4) City of Lloydminster

(5) Includes estimates for incompletely enumerated Indian Reserves and Indian settlements.

(6) Contains one or more incompletely enumerated Indian Reserves or Indian settlements.  
\* Based on 1986 boundaries.

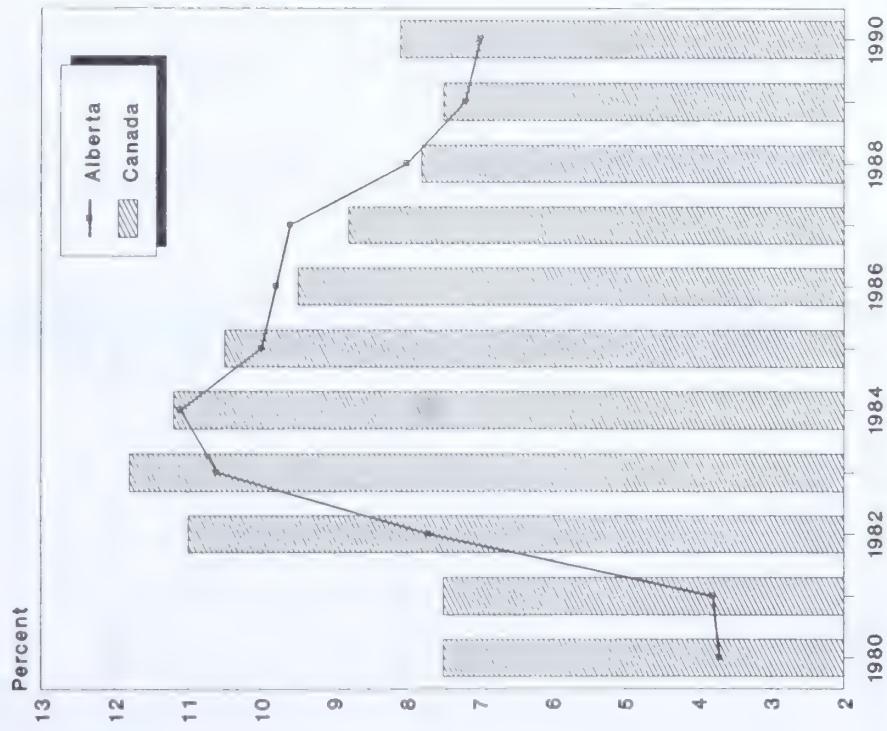
Note: Data refer to June 1 of reference year.

\*\* MORE INFORMATION IS AVAILABLE IN ASSIST MATRICES 6127 AND 6900 \*\*



## 2....LABOUR FORCE

Annual Unemployment Rate



- Provincial 1990 annual average unemployment rates ranged from 6.3% in Ontario to 17.1% in Newfoundland. Alberta and Saskatchewan ranked second lowest at 7.0%. Compared to 1989, rates dropped in the four Western Provinces and New Brunswick.
- Between 1983 and 1989, Canada's unemployment rate gradually declined from 11.8% to 7.5%. However, in 1990, the trend reversed as the rate moved up to 8.1%.
- The largest gains in jobs created during 1990 were recorded in British Columbia (34,000), Quebec (24,000) and Alberta (17,000). Ontario was the only province to lose jobs (-12,000). Among Alberta industries, the greatest gains were in other primary industries including oil and gas (10.6%), construction (9.2%) and agriculture (5.7%). Manufacturing jobs were down 3.1%, consistent with decreases posted in this sector among the majority of the other provinces. On a national scale, 125,000 manufacturing jobs were lost.

2.1 EMPLOYMENT, CANADA AND PROVINCES (NOT SEASONALLY ADJUSTED)

	Canada(1)	Nfld.	P.E.I.	N.S.	N.B.	Que.	Ont.	Man.	Sask.	Alta.	B.C.
(Thousands)											
1980	10,708	178	47	321	249	2,694	4,053	458	417	1,078	1,213
	11,221	174	50	333	255	2,768	4,377	475	446	1,124	1,220
	11,531	179	51	341	262	2,825	4,524	486	452	1,142	1,270
	11,861	183	52	350	272	2,918	4,689	492	453	1,147	1,306
	12,245	193	54	366	280	3,001	4,862	494	451	1,187	1,358
	12,486	201	54	373	284	3,031	4,949	498	446	1,214	1,435
	12,572	201	55	379	291	3,055	4,937	505	449	1,231	1,469
1989											
Jan	12,048	176	51	357	263	2,923	4,832	492	436	1,163	1,356
Feb	12,082	181	50	354	264	2,942	4,817	486	429	1,174	1,387
Mar	12,157	181	50	356	264	2,944	4,859	486	431	1,181	1,405
Apr	12,166	188	51	355	265	2,944	4,848	486	432	1,179	1,417
May	12,577	204	58	378	290	3,029	4,983	501	452	1,236	1,446
Jun	12,856	221	60	391	304	3,141	5,045	517	459	1,244	1,475
Jul	12,932	234	61	394	305	3,138	5,082	516	464	1,254	1,484
Aug	12,971	226	60	396	310	3,154	5,101	519	468	1,258	1,480
Sep	12,599	208	56	381	298	3,075	4,953	502	458	1,218	1,449
Oct	12,576	204	53	376	291	3,060	4,971	493	452	1,222	1,453
Nov	12,485	196	52	372	283	3,036	4,963	489	439	1,221	1,434
Dec	12,379	191	50	368	277	2,989	4,939	487	433	1,215	1,428
1990											
Jan	12,208	183	48	356	273	2,945	4,854	489	426	1,202	1,431
Feb	12,288	184	49	358	271	2,956	4,910	494	432	1,209	1,426
Mar	12,314	186	49	360	271	2,972	4,894	498	436	1,215	1,433
Apr	12,428	186	51	364	277	3,014	4,918	507	438	1,219	1,452
May	12,717	197	58	378	298	3,093	4,987	516	457	1,240	1,494
Jun	12,954	210	62	390	306	3,197	5,053	516	465	1,255	1,499
Jul	13,066	227	62	403	310	3,219	5,064	525	467	1,263	1,527
Aug	12,983	224	64	404	317	3,167	5,042	521	472	1,257	1,515
Sep	12,660	210	60	387	305	3,106	4,906	507	462	1,235	1,483
Oct	12,590	209	57	386	298	3,061	4,929	505	452	1,225	1,468
Nov	12,403	199	52	384	285	2,988	4,868	496	444	1,229	1,459
Dec	12,248	195	51	379	277	2,939	4,819	487	438	1,221	1,442

Source: Statistics Canada, Catalogue No.'s 71-001, 71-201 and 71-529

(1) Excludes Yukon and N.W.T.

\*\* MORE INFORMATION IS AVAILABLE THROUGH ASIST IN CANSIM MATRICES 2074-2096 \*\*

## 2.2 EMPLOYMENT, CANADA AND PROVINCES (SEASONALLY ADJUSTED)

	Canada(1)	Nfld.	P.E.I.	N.S.	N.B.	Que.	Ont.	Man.	Sask.	Alta.	B.C.
(Thousands)											
1989 (r)											
Jan	195	56	377	283	3,040	4,957	503	454	1,195	1,394	
Feb	197	55	373	283	3,043	4,904	497	443	1,197	1,417	
Mar	197	55	373	283	3,033	4,943	496	446	1,197	1,419	
Apr	201	55	371	281	3,009	4,901	494	444	1,197	1,426	
May	204	55	373	284	3,012	4,932	495	445	1,224	1,424	
Jun	202	54	376	286	3,026	4,936	505	445	1,215	1,439	
Jul	204	54	371	285	3,006	4,942	499	447	1,219	1,434	
Aug	202	54	373	285	3,039	4,963	503	448	1,226	1,440	
Sep	199	54	373	285	3,036	4,966	498	449	1,216	1,449	
Oct	201	52	372	285	3,037	4,976	492	447	1,223	1,458	
Nov	203	54	373	287	3,052	4,984	495	443	1,227	1,458	
Dec	203	54	373	287	3,045	4,988	498	443	1,228	1,459	
1990 (r)											
Jan	203	54	375	293	3,063	4,979	501	444	1,235	1,470	
Feb	201	54	376	290	3,056	4,997	505	447	1,233	1,455	
Mar	202	54	377	290	3,061	4,975	507	451	1,233	1,446	
Apr	199	55	380	294	3,082	4,971	514	450	1,236	1,460	
May	197	55	373	292	3,076	4,938	509	450	1,226	1,471	
Jun	193	56	376	288	3,079	4,946	504	451	1,226	1,464	
Jul	198	55	380	290	3,082	4,928	507	449	1,227	1,477	
Aug	200	57	381	292	3,050	4,906	505	451	1,225	1,476	
Sep	202	57	380	291	3,066	4,918	504	452	1,233	1,482	
Oct	206	56	382	291	3,038	4,933	504	447	1,227	1,472	
Nov	206	54	385	289	3,005	4,888	503	448	1,235	1,481	
Dec	207	54	385	288	2,998	4,867	499	448	1,234	1,473	

Source: Statistics Canada, Catalogue No.'s 71-001 and 71-201

(1) Excludes Yukon and N.W.T.

\*\* MORE INFORMATION IS AVAILABLE THROUGH ASIST IN CANSIM MATRICES 2075-2097 \*\*

### 2.3 UNEMPLOYMENT, CANADA AND PROVINCES (NOT SEASONALLY ADJUSTED)

	Canada(1)	Nfld.	P.E.I.	N.S.	N.B.	Que.	Ont.	Man.	Sask.	Alta.	B.C.
(Thousands)											
1980	865	27	6	35	31	294	297	27	19	42	88
1985	1,311	46	8	52	45	372	381	42	39	125	200
1986	1,215	42	8	51	44	349	338	40	37	124	181
1987	1,150	40	8	49	41	335	304	39	36	122	177
1988	1,031	38	8	42	38	311	256	42	37	103	157
1989	1,018	38	9	41	41	311	264	41	36	94	144
1990	1,109	41	10	45	40	345	331	39	34	93	132
1989	1,1112	36	9	42	40	326	294	45	42	106	172
	1,100	35	10	41	41	317	297	46	43	103	168
Jan	1,147	42	11	45	46	350	296	47	43	104	164
Feb	1,105	39	11	49	44	334	282	46	42	104	151
Mar	1,027	38	7	39	41	330	255	41	36	89	150
Apr	944	37	6	35	42	307	230	34	33	87	133
May	1,008	38	8	41	43	312	255	36	35	96	145
Jun	971	38	8	41	39	292	257	36	33	97	132
Jul	901	39	7	39	34	287	225	36	29	85	121
Aug	906	37	8	37	36	284	234	38	29	83	120
Sep	985	37	11	40	40	292	271	42	34	85	133
Oct	1,005	36	11	41	40	305	277	41	33	86	135
Nov											
Dec											
1990	1,164	41	12	50	41	372	335	40	42	98	133
Jan	1,131	39	12	50	43	363	311	43	38	95	136
Feb	1,104	41	11	46	45	346	317	41	36	91	130
Mar	1,043	43	12	45	44	325	276	39	36	94	130
Apr	1,040	46	8	47	37	327	296	39	33	88	119
May	975	44	6	41	39	300	278	39	32	77	119
Jun	1,076	45	8	43	41	301	343	40	33	95	126
Jul	1,115	42	7	43	39	339	341	41	33	96	136
Aug	1,061	39	7	43	35	339	316	34	28	91	130
Sep	1,121	37	8	41	39	359	354	33	30	95	126
Oct	1,217	40	11	42	39	375	394	40	32	97	146
Nov	1,262	39	12	43	37	388	408	45	33	100	155
Dec											

Source: Statistics Canada, Catalogue No.'s 71-001, 71-201 and 71-529

(1) Excludes Yukon and N.W.T.

\*\* MORE INFORMATION IS AVAILABLE THROUGH ASSIST IN CANSIM MATRICES 2074-2096 \*\*

2.4 UNEMPLOYMENT, CANADA AND PROVINCES (SEASONALLY ADJUSTED)

	Canada(1)	Nfld.	P.E.I.	N.S.	N.B.	Que.	Ont.	Man.	Sask.	Alta.	B.C.
(Thousands)											
1989 (r)											
Jan	35	7	38	38	307	248	40	36	95	96	158
Feb	36	8	37	39	292	266	41	38	154	154	154
Mar	36	8	38	40	313	258	41	37	98	98	153
Apr	36	9	44	40	321	278	43	39	97	97	146
May	35	8	39	40	325	266	42	36	92	92	153
Jun	37	9	39	41	323	253	38	37	94	94	141
Jul	37	9	43	42	315	259	39	36	93	93	146
Aug	38	10	43	41	301	270	37	35	94	94	137
Sep	998	42	9	43	40	310	251	41	35	92	129
Oct	1,007	42	10	42	40	309	261	42	34	92	133
Nov	1,021	41	10	41	42	305	276	43	35	91	132
Dec	1,028	40	10	43	44	314	282	40	33	90	131
1990 (r)											
Jan	1,048	40	10	46	40	351	289	35	36	88	121
Feb	1,037	40	10	46	41	339	281	38	33	88	124
Mar	978	35	9	40	39	308	281	35	30	84	122
Apr	995	40	10	40	40	312	272	36	33	88	127
May	1,050	42	9	47	36	321	307	40	34	90	122
Jun	1,042	44	9	45	38	317	304	43	36	85	127
Jul	1,091	43	9	45	39	307	344	43	34	93	128
Aug	1,150	42	9	45	41	347	351	42	35	93	141
Sep	1,166	42	9	47	41	364	344	39	34	98	141
Oct	1,225	41	10	46	43	382	385	37	35	104	142
Nov	1,249	44	11	44	40	389	397	41	33	102	144
Dec	1,281	43	11	45	41	397	414	44	33	104	150

Source: Statistics Canada, Catalogue No.'s 71-001 and 71-201

(1) Excludes Yukon and N.W.T.

\*\* MORE INFORMATION IS AVAILABLE THROUGH ASIST IN CANSIM MATRICES 2075-2097 \*\*

## 2.5 UNEMPLOYMENT RATE, CANADA AND PROVINCES (NOT SEASONALLY ADJUSTED)

	Canada(1)	Nfld.	P.E.I.	N.S.	N.B.	Que.	Ont.	Man.	Sask.	Alta.	B.C.
	(Percent)										
1980	7.5	13.3	10.6	9.7	11.0	9.8	6.8	5.5	4.4	3.7	6.8
1985	10.5	20.8	13.3	13.6	15.1	11.8	8.0	8.2	8.1	10.0	14.1
1986	9.5	19.2	13.4	13.1	14.3	11.0	7.0	7.7	7.7	9.8	12.5
1987	8.8	17.9	13.2	12.3	13.1	10.3	6.1	7.4	7.4	9.6	11.9
1988	7.8	16.4	13.0	10.2	12.0	9.4	5.0	7.8	7.5	8.0	10.3
1989	7.5	15.8	14.1	9.9	12.5	9.3	5.1	7.5	7.4	7.2	9.1
1990	8.1	17.1	14.9	10.5	12.1	10.1	6.3	7.2	7.0	7.0	8.3
1989	8.4	17.0	15.4	10.6	13.3	10.0	5.7	8.4	8.7	8.3	11.3
Jan	8.3	16.3	16.4	10.4	13.5	9.7	5.8	8.7	9.1	8.0	10.8
Feb	8.6	18.8	18.1	11.1	14.8	10.6	5.7	8.8	9.0	8.1	10.4
Mar	8.3	17.2	17.8	12.2	14.4	10.2	5.5	8.7	8.9	8.1	9.6
Apr	7.5	15.8	11.1	9.4	12.4	9.8	4.9	7.5	7.4	6.7	9.4
May	6.8	14.2	9.2	8.2	12.1	8.9	4.4	6.1	6.8	6.6	8.3
Jun	7.2	13.8	11.6	9.5	12.3	9.0	4.8	6.5	7.1	7.1	8.9
Jul	7.0	14.3	11.3	9.5	11.1	8.5	4.8	6.5	7.2	7.2	8.2
Aug	6.7	15.7	11.6	9.3	10.2	8.5	4.3	6.6	6.5	6.5	7.7
Sep	6.7	15.2	13.3	8.9	11.0	8.5	4.5	7.2	6.0	6.4	7.6
Oct	7.3	15.8	16.9	9.7	12.3	8.8	5.2	7.9	7.1	6.5	8.5
Nov	7.5	16.0	17.8	10.0	12.7	9.3	5.3	7.7	7.0	6.6	8.7
1990	8.7	18.5	20.5	12.3	13.2	11.2	6.5	7.5	8.9	7.5	8.5
Jan	8.4	17.7	19.8	12.2	13.8	10.9	6.0	7.9	8.1	7.3	8.7
Feb	8.2	18.0	19.0	11.4	14.3	10.4	6.1	7.7	7.6	6.9	8.3
Mar	7.7	18.6	19.0	11.0	13.6	9.7	5.3	7.1	7.6	7.2	8.2
Apr	7.6	18.8	12.0	11.0	11.2	9.6	5.6	7.1	6.8	6.6	7.4
May	7.0	17.4	9.0	9.5	11.3	8.6	5.2	7.1	6.4	5.8	7.3
Jun	7.6	16.6	11.6	9.7	11.7	8.5	6.3	7.1	6.6	7.0	7.6
Jul	7.9	15.6	9.7	9.5	10.9	9.7	6.3	7.3	6.5	7.1	8.2
Aug	7.7	15.7	10.3	9.9	10.2	9.8	6.0	6.2	5.7	6.8	8.1
Sep	8.2	15.0	12.7	9.6	11.5	10.5	6.7	6.1	6.2	7.2	7.9
Oct	8.9	16.9	18.1	9.9	12.1	11.2	7.5	7.4	6.7	7.3	9.1
Nov	9.3	16.8	19.1	10.3	11.7	11.8	7.8	8.4	7.0	7.6	9.7

Source: Statistics Canada, Catalogue No.'s 71-001, 71-201 and 71-529

(1) Excludes Yukon and N.W.T.

\*\* MORE INFORMATION IS AVAILABLE THROUGH ASSIST IN CANSIM MATRICES 2074-2096 \*\*

## 2.6 UNEMPLOYMENT RATE, CANADA AND PROVINCES (SEASONALLY ADJUSTED)

	Canada(1)	Nfld.	P.E.I.	N.S.	N.B.	Que.	Ont.	Man.	Sask.	Alta.	B.C.
(Percent)											
1989 (r)											
Jan	7.4	15.2	11.5	9.2	11.8	9.2	4.8	7.4	7.3	7.4	10.2
Feb	7.5	15.5	12.8	9.0	12.1	8.8	5.1	7.6	7.9	7.4	9.8
Mar	7.6	15.5	13.4	9.2	12.4	9.4	5.0	7.6	7.7	7.6	9.7
Apr	7.8	15.2	13.9	10.6	12.5	9.6	5.4	8.0	8.1	7.5	9.3
May	7.7	14.6	13.2	9.5	12.3	9.7	5.1	7.8	7.5	7.0	9.7
Jun	7.5	15.5	13.8	9.4	12.5	9.6	4.9	7.0	7.7	7.2	8.9
Jul	7.6	15.4	14.3	10.4	12.8	9.5	5.0	7.2	7.5	7.1	9.2
Aug	7.4	15.8	15.1	10.3	12.6	9.0	5.2	6.9	7.2	7.1	8.7
Sep	7.4	17.4	15.0	10.3	12.3	9.3	4.8	7.6	7.2	7.0	8.2
Oct	7.4	17.3	15.5	10.1	12.3	9.2	5.0	7.9	7.1	7.0	8.4
Nov	7.5	16.8	15.6	9.9	12.8	9.1	5.2	8.0	7.3	6.9	8.3
Dec	7.6	16.5	15.4	10.3	13.3	9.3	5.4	7.4	6.9	6.8	8.2
1990 (r)											
Jan	7.7	16.5	16.1	10.9	12.0	10.3	5.5	6.5	7.5	6.7	7.6
Feb	7.6	16.6	15.8	10.9	12.4	10.0	5.3	7.0	6.9	6.7	7.9
Mar	7.2	14.8	14.2	9.6	11.9	9.1	5.3	6.5	6.2	6.4	7.8
Apr	7.3	16.7	15.0	9.5	12.0	9.2	5.2	6.5	6.8	6.6	8.0
May	7.7	17.6	14.2	11.2	11.0	9.4	5.9	7.3	7.0	6.8	7.7
Jun	7.6	18.6	13.7	10.7	11.7	9.3	5.8	7.9	7.4	6.5	8.0
Jul	8.0	17.8	14.3	10.6	11.9	9.1	6.5	7.8	7.0	8.0	
Aug	8.4	17.4	13.4	10.6	12.3	10.2	6.7	7.7	7.2	7.1	8.7
Sep	8.5	17.2	13.7	11.0	12.3	10.6	6.5	7.2	7.0	7.4	8.7
Oct	8.9	16.6	14.8	10.7	12.9	11.2	7.2	6.8	7.3	7.8	8.8
Nov	9.1	17.6	16.6	10.3	12.2	11.5	7.5	6.9	7.6	8.9	
Dec	9.3	17.2	16.5	10.5	12.5	11.7	7.8	8.1	6.9	7.8	9.2

Source: Statistics Canada, Catalogue No.'s 71-001 and 71-201

(1) Excludes Yukon and N.W.T.

\*\* MORE INFORMATION IS AVAILABLE THROUGH ASIST IN CANSIM MATRICES 2075-2097 \*\*

## 2.7 PARTICIPATION RATE, CANADA AND PROVINCES (NOT SEASONALLY ADJUSTED)

	Canada(1)	Nfld.	P.E.I.	N.S.	N.B.	Que.	Ont.	Man.	Sask.	Alta.	B.C.
(Percent)											
1980	64.1	52.7	59.2	57.4	55.6	61.2	66.7	64.5	63.0	70.9	64.1
	65.3	53.2	61.5	58.8	56.7	62.1	68.1	65.8	66.3	71.9	64.5
1985	65.7	53.3	62.1	59.4	57.4	62.4	68.5	66.4	66.6	72.2	65.2
1986	66.2	53.2	62.9	59.9	58.2	63.3	69.0	66.5	66.4	72.0	65.6
1987	66.7	54.6	64.0	60.8	58.8	64.0	69.6	66.7	66.4	72.4	65.7
1988	67.0	55.7	65.0	61.2	59.5	64.0	69.8	67.0	66.2	72.4	66.8
1989	67.0	56.0	66.0	62.1	59.8	64.3	69.4	67.6	66.8	72.1	66.0
1989											
Jan	65.7	50.0	62.0	59.2	55.7	62.5	69.1	66.9	65.5	70.7	65.4
Feb	65.8	50.7	61.2	58.6	56.2	62.6	68.9	66.3	64.7	71.0	66.4
Mar	66.3	52.4	62.6	59.4	56.8	63.3	69.3	66.4	65.0	71.4	66.9
Apr	66.1	53.3	63.6	60.0	56.7	62.9	68.9	66.3	65.1	71.3	66.7
May	67.7	56.6	66.8	61.7	60.7	64.4	70.3	67.5	66.9	73.5	67.8
Jun	68.6	60.3	68.0	63.0	63.4	66.1	70.7	68.5	67.6	73.8	68.1
Jul	69.2	63.4	70.4	64.4	63.7	66.0	71.4	68.7	68.6	74.7	68.9
Aug	69.1	61.5	69.9	64.6	63.6	65.9	71.6	69.0	68.7	74.9	68.0
Sep	66.8	57.3	65.7	62.0	60.6	64.2	69.1	66.9	67.0	71.9	66.1
Oct	66.7	55.9	63.2	60.9	59.7	63.8	69.3	66.1	66.2	71.9	66.0
Nov	66.5	54.2	63.9	60.7	58.7	63.5	69.7	66.2	65.1	71.9	65.6
Dec	66.0	52.7	62.9	60.2	57.7	62.8	69.3	65.8	64.3	71.5	65.3
1990											
Jan	65.9	52.0	61.7	59.8	57.1	63.2	68.9	65.9	64.6	71.3	65.1
Feb	66.1	51.8	62.1	59.9	57.0	63.1	69.2	66.7	64.9	71.5	65.0
Mar	66.0	52.4	61.9	59.7	57.4	63.0	69.0	67.1	65.3	71.5	64.9
Apr	66.1	53.0	64.3	60.1	58.1	63.4	68.7	67.8	65.5	71.8	65.6
May	67.5	56.0	67.1	62.4	60.6	64.8	69.8	68.9	67.8	72.5	66.7
Jun	68.2	58.8	69.5	63.2	62.5	66.2	70.3	68.9	68.7	72.6	66.9
Jul	69.2	62.8	71.3	65.3	63.4	66.6	71.2	70.0	69.2	73.9	68.2
Aug	68.9	61.4	72.2	65.5	64.3	66.2	70.8	69.7	69.8	73.6	68.0
Sep	67.0	57.4	67.9	62.9	61.3	65.0	68.5	67.0	67.8	72.0	66.3
Oct	66.8	56.6	66.2	62.5	60.6	64.5	69.2	66.7	66.8	71.5	65.3
Nov	66.3	55.1	64.5	62.3	58.3	63.3	68.8	66.4	66.0	71.8	65.5
Dec	65.7	54.1	63.9	61.7	56.5	62.6	68.3	65.9	65.4	71.4	65.1

Source: Statistics Canada, Catalogue No.'s 71-001, 71-201 and 71-529

(1) Excludes Yukon and N.W.T.

\*\* MORE INFORMATION IS AVAILABLE THROUGH ASIST IN CANSIM MATRICES 2074-2096 \*\*

**2.8 PARTICIPATION RATE, CANADA AND PROVINCES (SEASONALLY ADJUSTED)**

	Canada(1)	Nfld.	P.E.I.	N.S.	N.B.	Que.	Ont.	Man.	Sask.	Alta.	B.C.
(Percent)											
1989 (r)											
Jan	54.1	65.8	61.6	59.0	64.4	70.2	67.7	67.1	71.9	66.4	66.4
Feb	54.7	64.9	60.8	59.2	64.1	69.6	67.1	66.0	72.0	67.1	67.1
Mar	54.7	65.3	61.0	59.3	64.3	70.0	66.9	66.3	72.0	67.0	67.0
Apr	55.5	65.5	61.5	58.9	63.9	69.6	66.9	66.3	71.8	66.9	66.9
May	56.0	65.1	61.0	59.3	64.0	69.7	66.9	66.0	73.0	66.9	66.9
Jun	55.8	64.2	61.4	59.9	64.2	69.5	67.6	66.1	72.5	66.9	66.9
Jul	56.3	65.1	61.2	59.8	63.6	69.6	66.9	66.3	72.6	66.8	66.8
Aug	55.9	65.0	61.4	59.6	63.9	69.9	67.2	66.3	72.9	66.5	66.5
Sep	56.2	64.9	61.4	59.3	63.9	69.6	67.0	66.6	72.2	66.4	66.4
Oct	56.5	63.8	61.1	59.3	63.9	69.8	66.4	66.3	72.5	66.8	66.8
Nov	56.7	65.2	61.1	59.9	64.0	70.0	67.0	65.9	72.5	66.6	66.6
Dec	56.4	65.3	61.3	60.2	64.0	70.1	67.0	65.7	72.4	66.4	66.4
1990 (r)											
Jan	56.4	65.4	62.0	60.4	65.0	69.9	66.7	66.3	72.6	66.3	66.3
Feb	55.9	65.7	62.1	60.1	64.6	70.0	67.5	66.3	72.5	65.7	65.7
Mar	54.9	64.7	61.3	59.6	64.0	69.6	67.4	66.4	72.1	65.1	65.1
Apr	55.3	66.0	61.7	60.5	64.4	69.3	68.3	66.8	72.4	65.8	65.8
May	55.3	65.5	61.7	59.3	64.4	69.3	68.2	66.9	71.9	65.9	65.9
Jun	54.7	66.0	61.7	59.0	64.3	69.2	67.9	67.4	71.5	65.7	65.7
Jul	55.7	66.0	62.2	59.5	64.1	69.4	68.2	66.8	71.9	66.2	66.2
Aug	55.9	67.3	62.4	60.1	64.2	69.1	67.8	67.2	71.7	66.6	66.6
Sep	56.2	67.1	62.1	62.5	59.9	64.7	67.3	67.3	72.3	66.7	66.7
Oct	56.9	66.8	62.6	60.2	64.5	69.7	67.0	66.8	72.2	66.1	66.1
Nov	57.6	65.6	62.7	59.3	63.9	69.1	67.4	66.7	72.3	66.3	66.3
Dec	57.6	66.2	62.9	59.2	63.9	69.0	67.3	66.7	72.3	66.1	66.1

Source: Statistics Canada, Catalogue No.'s 71-001 and 71-201

(1) Excludes Yukon and N.W.T.

\*\* MORE INFORMATION IS AVAILABLE THROUGH ASIST IN CANSIM MATRICES 2075-2097 \*\*

## 2.9 EMPLOYMENT/POPULATION RATIO, CANADA AND PROVINCES (NOT SEASONALLY ADJUSTED)

	Canada(1)	Nfld.	P.E.I.	N.S.	N.B.	Que.	Ont.	Man.	Sask.	Alta.	B.C.
(Percent)											
1980	59.3	45.7	52.9	51.9	49.5	55.2	62.2	60.9	60.2	68.3	59.8
1985	58.5	42.1	53.3	50.8	48.2	54.8	62.6	60.4	60.9	64.7	55.4
1986	59.4	43.0	53.7	51.6	49.2	55.5	63.7	61.3	61.5	65.1	57.1
1987	60.4	43.6	54.6	52.6	50.5	56.8	64.8	61.6	61.5	65.0	57.8
1988	61.6	45.6	55.7	54.6	51.7	58.0	66.1	61.5	61.4	66.6	58.9
1989	62.0	46.9	55.9	55.2	52.0	58.0	66.3	62.0	61.3	67.2	60.7
1990	61.5	46.4	55.6	52.5	52.5	57.8	65.0	62.1	62.1	67.1	60.6
1989											
Jan	60.2	41.5	52.4	52.9	48.3	56.2	65.2	61.3	59.7	64.8	58.0
Feb	60.3	42.4	51.1	52.5	48.6	56.6	64.9	60.6	58.8	65.3	59.2
Mar	60.6	42.6	51.3	52.8	48.4	56.6	65.4	60.6	59.2	65.6	59.9
Apr	60.6	44.1	52.3	52.7	48.5	56.5	65.1	60.5	59.3	65.5	60.3
May	62.6	47.7	59.4	55.9	53.2	58.1	66.8	62.4	62.0	68.6	61.4
Jun	63.9	51.7	61.8	57.8	55.7	60.2	67.6	64.3	63.0	68.9	62.5
Jul	64.2	54.7	62.3	58.3	55.9	60.1	68.0	64.2	63.7	69.4	62.8
Aug	64.3	52.7	62.0	58.5	56.5	60.3	68.1	64.6	64.2	69.5	62.4
Sep	62.4	48.4	58.1	56.3	54.4	58.8	66.1	62.5	63.0	67.2	61.0
Oct	62.2	47.4	54.8	55.5	53.1	58.4	66.2	61.3	62.2	67.3	61.0
Nov	61.7	45.6	53.1	54.8	51.5	57.9	66.0	60.9	60.5	67.2	60.0
Dec	61.1	44.3	51.7	54.2	50.4	57.0	65.7	60.7	59.8	66.8	59.7
1990											
Jan	60.2	42.4	49.0	52.4	49.6	56.1	64.4	60.9	58.9	66.0	59.6
Feb	60.5	42.7	49.8	52.6	49.2	56.2	65.1	61.4	59.6	66.3	59.3
Mar	60.5	43.0	50.1	52.9	49.2	56.5	64.8	62.0	60.3	66.6	59.5
Apr	61.0	43.2	52.1	53.5	50.2	57.2	65.0	63.0	60.6	66.7	60.2
May	62.4	45.5	59.1	55.5	53.9	58.6	65.8	64.0	63.3	67.7	61.8
Jun	63.5	48.6	63.3	57.2	55.4	60.6	66.6	64.0	64.3	68.4	62.0
Jul	63.9	52.3	63.1	59.0	55.9	60.9	66.7	65.1	64.6	68.8	63.0
Aug	63.4	51.8	65.1	59.2	57.2	59.8	66.3	64.6	65.3	68.4	62.4
Sep	61.8	48.4	60.9	56.7	55.1	58.6	64.4	62.8	63.9	67.1	60.9
Oct	61.3	48.1	57.8	56.5	53.7	57.7	64.6	62.6	66.4	60.1	59.5
Nov	60.3	45.8	52.8	56.1	51.3	56.3	63.7	61.5	66.5	66.0	58.7
Dec	59.5	45.0	51.7	55.3	49.8	55.3	63.0	60.4	60.8	66.0	58.7

Source: Statistics Canada, Catalogue No. 17-001, 71-201 and 71-529

(1) Excludes Yukon and N.W.T.

\*\* MORE INFORMATION IS AVAILABLE THROUGH ASIST IN CANSIM MATRICES 2074-2096 \*\*

2.10 EMPLOYMENT/POPULATION RATIO, CANADA AND PROVINCES (SEASONALLY ADJUSTED)

	Canada(1)	Nfld.	P.E.I.	N.S.	N.B.	Que.	Ont.	Man.	Sask.	Alta.	B.C.
(Percent)											
1989 (r)											
Jan	62.1	45.9	58.2	55.9	52.0	58.5	66.8	62.7	62.2	66.6	59.6
Feb	61.9	46.2	56.6	55.3	52.0	58.5	66.1	62.0	60.8	66.6	60.5
Mar	62.0	46.2	56.6	55.3	51.9	58.3	66.5	61.8	61.2	66.5	60.5
Apr	61.7	47.1	56.4	55.0	51.6	57.8	65.9	61.5	60.9	66.5	60.7
May	61.9	47.8	56.5	55.3	52.0	57.8	66.2	61.6	61.0	67.9	60.4
Jun	62.1	47.2	55.4	55.6	52.4	58.0	66.1	62.9	61.0	67.3	61.0
Jul	61.9	47.7	55.8	54.9	52.1	57.6	66.1	62.1	61.4	67.5	60.7
Aug	62.2	47.1	55.2	55.1	52.1	58.1	66.3	62.6	61.5	67.7	60.8
Sep	62.0	46.4	55.2	55.1	52.0	58.0	66.3	61.9	61.8	67.1	61.0
Oct	62.0	46.7	54.0	54.9	52.0	58.0	66.3	61.2	61.6	67.4	61.2
Nov	62.1	47.2	55.0	55.0	52.3	58.2	66.3	61.6	61.1	67.5	61.1
Dec	62.0	47.1	55.2	54.9	52.2	58.0	66.3	62.0	61.1	67.5	61.0
1990 (r)											
Jan	62.1	47.1	54.9	55.2	53.2	58.3	66.1	62.4	61.3	67.8	61.3
Feb	62.1	46.6	55.3	55.3	52.6	58.1	66.3	62.8	61.7	67.6	60.5
Mar	61.9	46.8	55.5	55.4	52.5	58.2	65.9	63.1	62.3	67.5	60.0
Apr	62.1	46.1	56.2	55.8	53.3	58.5	65.7	63.9	62.2	67.6	60.5
May	61.8	45.6	56.2	54.8	52.8	58.3	65.2	63.2	62.2	67.0	60.9
Jun	61.7	44.6	56.9	55.1	52.1	58.3	65.2	62.5	62.4	66.8	60.5
Jul	61.7	45.7	56.6	55.6	52.4	58.3	64.9	62.8	62.1	66.8	60.9
Aug	61.4	46.2	58.3	55.8	52.7	57.6	64.5	62.6	62.4	66.6	60.8
Sep	61.4	46.5	57.9	55.6	52.5	57.9	64.6	62.5	62.6	67.0	60.9
Oct	61.2	47.5	57.0	55.8	52.4	57.3	64.6	62.5	61.9	66.5	60.3
Nov	60.8	47.5	54.7	56.3	52.1	56.6	64.0	62.3	62.1	66.8	60.4
Dec	60.5	47.7	55.3	56.3	51.8	56.4	63.6	61.8	62.1	66.7	60.0

Source: Statistics Canada, Catalogue No.'s 71-001 and 71-201

(1) Excludes Yukon and N.W.T.

\*\* MORE INFORMATION IS AVAILABLE THROUGH ASIST IN CANSM MATRICES 2075-2097 \*\*

## 2.11 LABOUR FORCE CHARACTERISTICS, ALBERTA (NOT SEASONALLY ADJUSTED)

	Population			Labour Force			Employed			Unemployed			Unemployment Rate			Participation Rate		
	15 Years & Over		Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	
(Thousands)																		
1980	1,579	802	777	1,120	676	444	1,078	654	424	23	19	3.7	3.3	4.4	70.9	84.3	57.1	
1985	1,736	870	866	1,249	717	532	1,124	645	478	125	71	54	10.0	9.9	10.1	71.9	82.4	61.4
1986	1,755	877	878	1,266	718	548	1,142	643	499	124	75	50	9.8	10.4	9.5	72.2	81.9	62.5
1987	1,763	878	884	1,268	713	556	1,147	644	503	122	69	53	9.6	9.7	9.5	72.0	81.2	62.8
1988	1,781	886	895	1,290	718	572	1,187	663	524	103	55	48	8.0	7.7	8.3	72.4	81.1	63.9
1989	1,807	897	910	1,308	727	581	1,214	676	537	94	50	44	7.2	6.9	7.5	72.4	81.0	63.8
1990	1,835	911	924	1,324	735	589	1,231	684	546	93	50	43	7.0	6.8	7.3	72.1	80.6	63.8
(Percent)																		
1989																		
Jan	1,795	892	904	1,269	703	565	1,163	638	524	106	65	40	8.3	9.3	7.1	70.7	78.9	62.5
Feb	1,797	893	905	1,276	708	568	1,174	647	526	103	61	42	8.0	8.5	7.4	71.0	79.3	62.8
Mar	1,799	893	906	1,285	709	576	1,181	651	530	104	58	47	8.1	8.2	8.1	71.4	79.3	63.6
Apr	1,801	894	907	1,284	712	571	1,179	653	527	104	60	45	8.1	8.4	7.8	71.3	79.7	63.0
May	1,803	895	908	1,326	738	588	1,236	688	549	89	50	40	6.7	6.7	6.7	73.5	82.4	64.8
Jun	1,805	896	909	1,332	746	586	1,244	700	544	87	46	41	6.6	6.2	7.1	73.8	83.2	64.4
Jul	1,807	897	910	1,351	760	591	1,254	711	543	96	49	48	7.1	6.4	8.1	74.7	84.7	64.9
Aug	1,810	898	911	1,355	760	595	1,258	714	544	97	46	51	7.2	6.1	8.5	74.9	84.6	65.3
Sep	1,812	899	913	1,303	723	580	1,218	686	532	85	37	48	6.5	8.3	7.1	70.9	80.4	63.6
Oct	1,815	901	914	1,305	724	581	1,222	685	537	83	39	44	6.4	5.4	7.6	71.9	80.4	63.6
Nov	1,818	902	916	1,306	723	584	1,221	678	543	85	44	41	6.5	6.2	7.0	71.9	80.1	63.8
Dec	1,820	903	917	1,301	715	586	1,215	665	550	86	49	36	6.6	6.9	6.2	71.5	79.1	63.9
1990																		
Jan	1,822	904	918	1,300	715	584	1,202	659	543	98	56	41	7.5	7.9	7.1	71.3	79.1	63.7
Feb	1,823	905	918	1,304	717	586	1,209	663	546	95	54	41	7.3	7.6	6.9	71.5	79.3	63.9
Mar	1,826	906	919	1,306	721	585	1,215	671	544	91	51	40	6.9	7.0	6.9	71.6	79.6	63.6
Apr	1,829	908	921	1,313	723	590	1,219	671	548	94	52	43	7.2	7.1	7.2	71.8	79.6	64.1
May	1,831	909	922	1,328	744	584	1,240	694	545	88	50	38	6.6	6.7	6.6	72.5	81.8	63.3
Jun	1,834	911	924	1,332	749	583	1,255	706	549	77	43	34	5.8	5.7	5.8	72.6	82.2	63.1
Jul	1,837	912	925	1,359	764	594	1,263	715	548	95	50	46	7.0	6.5	7.7	73.9	83.8	64.2
Aug	1,839	913	926	1,353	763	589	1,257	716	541	96	47	48	7.1	6.2	8.2	73.6	83.6	63.7
Sep	1,841	914	927	1,326	732	594	1,235	690	545	91	42	49	6.8	5.7	8.2	72.0	80.1	64.1
Oct	1,844	916	929	1,319	733	586	1,225	684	541	95	46	46	7.2	6.7	7.8	71.5	80.1	63.2
Nov	1,848	917	930	1,326	728	598	1,229	677	552	97	51	46	7.3	7.0	7.7	71.8	79.4	64.2
Dec	1,851	919	932	1,321	724	597	1,221	666	555	100	58	42	7.6	8.0	7.0	71.4	78.8	64.0

Source: Statistics Canada, Catalogue No.'s 71-001, 71-201 and 71-529

\*\* MORE INFORMATION IS AVAILABLE THROUGH ASSIST IN CANSIM MATRIX 2094 \*\*

## 2.12 EMPLOYMENT BY INDUSTRY, ALBERTA (NOT SEASONALLY ADJUSTED)

	Total Employed	Agriculture	Other Primary(1)	Manufacturing	Construction	Transportation	Trade	Finance	Service	Public Administration
(Thousands)										
1980	1,078	85	66	102	104	97	195	59	301	70
1985	1,124	82	73	87	68	93	206	60	367	88
1986	1,142	83	71	87	67	93	216	58	383	84
1987	1,147	87	66	85	71	89	208	58	399	83
1988	1,187	94	70	95	73	93	214	60	402	87
1989	1,214	88	66	97	76	97	215	63	419	92
1990	1,231	93	73	94	83	90	222	65	429	80
(Thousands)										
1989										
Jan	1,163	91	69	92	64	88	215	63	394	87
Feb	1,174	85	68	94	62	92	212	61	405	93
Mar	1,181	84	69	95	63	93	211	63	408	94
Apr	1,179	85	65	97	66	88	209	64	411	94
May	1,236	91	63	97	77	94	215	65	435	100
Jun	1,244	86	63	101	81	97	218	67	431	100
Jul	1,254	85	67	101	85	98	220	65	431	102
Aug	1,258	95	68	105	88	102	214	67	420	98
Sep	1,218	97	66	98	83	101	201	63	419	90
Oct	1,222	92	66	96	88	102	217	59	416	86
Nov	1,221	86	64	94	82	102	225	60	425	83
Dec	1,215	83	66	94	78	102	222	59	429	83
1990										
Jan	1,202	82	69	95	77	94	214	60	429	82
Feb	1,209	83	71	93	73	89	214	60	436	89
Mar	1,215	84	72	96	75	88	214	63	437	86
Apr	1,219	93	75	90	79	89	218	62	429	84
May	1,240	98	81	90	87	90	219	67	422	87
Jun	1,255	104	77	93	92	92	224	68	417	87
Jul	1,263	103	75	99	93	90	230	65	422	86
Aug	1,257	103	78	98	92	94	225	65	423	79
Sep	1,235	101	69	94	91	89	224	66	426	75
Oct	1,225	95	69	94	84	89	224	69	430	70
Nov	1,229	89	70	91	82	90	232	68	440	68
Dec	1,221	84	69	93	75	91	228	69	440	71

Source: Statistics Canada, Catalogue No.'s 71-001 and 71-529

(1) Includes Fishing and Trapping, Logging and Forestry, and Mines, Quarries, Oil Wells.

Note: The estimates presented in this table may have varying degrees of reliability.

\*\* MORE INFORMATION IS AVAILABLE THROUGH ASSIST IN CANSIM MATRIX 2094 \*\*

2.13 EMPLOYMENT BY OCCUPATION, ALBERTA (NOT SEASONALLY ADJUSTED)

	Total Employed	Managerial, Profess., etc.	Clerical	Sales	Service	Primary Occupations	Processing(1)	Construction	Transportation	Materials Handling & Other Crafts
						(Thousands)				
1980	1,078	240	184	114	129	110	111	95	57	38
1985	1,124	336	182	112	150	102	96	67	45	32
1986	1,142	350	185	111	153	100	99	67	45	32
1987	1,147	356	183	111	149	99	96	72	45	35
1988	1,187	365	190	114	156	110	99	73	47	34
1989	1,214	373	193	116	163	106	107	76	46	33
1990	1,231	384	188	115	163	113	104	79	48	37
1989	Jan	1,163	376	189	116	147	100	102	60	42
	Feb	1,174	374	195	112	156	97	104	59	45
	Mar	1,181	377	195	109	157	96	104	63	46
	Apr	1,179	376	191	111	158	96	107	65	43
	May	1,236	391	198	113	160	108	109	78	47
	Jun	1,244	384	192	116	168	109	113	82	47
	Jul	1,254	376	197	116	171	112	113	86	47
	Aug	1,258	375	196	118	163	121	117	89	46
	Sep	1,218	365	188	115	160	118	107	87	45
	Oct	1,222	362	190	118	166	112	107	88	48
	Nov	1,221	361	194	125	172	103	102	83	50
	Dec	1,215	365	198	122	174	99	100	76	48
1990	Jan	1,202	378	187	117	172	95	101	74	48
	Feb	1,209	388	187	115	173	96	103	68	46
	Mar	1,215	383	186	117	173	99	108	69	46
	Apr	1,219	383	188	117	164	108	104	71	46
	May	1,240	394	183	110	163	121	101	79	48
	Jun	1,255	392	186	113	162	127	103	86	49
	Jul	1,263	388	189	117	163	126	105	87	48
	Aug	1,257	377	189	120	158	131	107	88	50
	Sep	1,235	386	186	109	155	122	104	87	49
	Oct	1,225	379	188	111	157	116	105	82	48
	Nov	1,229	378	190	117	160	109	105	83	48
	Dec	1,221	380	195	117	159	103	106	76	47

Source: Statistics Canada, Catalogue No.'s 71-001 and 71-529

(1) Also includes Machining and Product Fabricating, Assembling, Repairing  
Note: The estimates presented in this table may have varying degrees of reliability.

\*\* MORE INFORMATION IS AVAILABLE THROUGH ASSIST IN CANSIM MATRIX 2094 \*\*

## 2.14 LABOUR FORCE CHARACTERISTICS, EDMONTON AND CALGARY (NOT SEASONALLY ADJUSTED)

	Edmonton CMA						Calgary CMA					
	Labour Force	Employed	Unemployed	Unemployment Rate	Participation Rate	(Percent)	Labour Force	Employed	Unemployed	Unemployment Rate	(Percent)	Participation Rate
1980	347	332	14	4.1	72.0	317	306	12	3.6	74.5		
1985 (1)	379	334	46	12.0	72.0	362	325	37	10.2	75.2		
1986	381	337	44	11.6	71.6	373	336	37	9.8	76.1		
1987	388	345	44	11.3	72.6	370	337	33	9.0	74.8		
1988	392	356	36	9.2	72.5	376	346	31	8.1	74.8		
1989	398	364	33	8.4	72.4	385	357	27	7.1	74.7		
1990	398	367	32	7.9	71.4	389	361	28	7.2	73.8		
1989	382	345	37	9.7	70.1	379	347	32	8.4	74.2		
Jan	380	343	36	9.6	69.5	385	356	30	7.7	75.4		
Feb	385	350	35	9.2	70.4	388	357	31	8.0	75.8		
Mar	387	350	37	9.5	70.7	386	357	28	7.3	75.2		
Apr	402	371	31	7.6	73.3	398	372	26	6.5	77.5		
May	409	376	33	8.0	74.5	393	368	25	6.4	76.4		
Jun	415	380	34	8.3	75.5	398	366	32	8.0	77.3		
Jul	415	382	34	8.1	75.5	396	366	30	7.7	76.7		
Aug	402	370	32	8.0	73.1	369	346	24	6.4	71.5		
Sep	402	367	34	8.5	72.8	372	350	22	5.9	71.7		
Oct	399	369	30	7.4	72.2	374	352	23	6.1	72.0		
Nov	399	366	29	7.3	71.3	378	354	24	6.4	72.7		
Dec	394											
1990	393	360	33	8.4	70.9	381	352	29	7.6	73.0		
Jan	396	363	33	8.3	71.4	382	355	27	7.1	73.1		
Feb	393	362	32	8.1	70.9	384	358	26	6.7	73.4		
Mar	397	365	32	8.0	71.4	389	362	27	6.9	74.2		
Apr	404	371	33	8.2	72.5	388	362	25	6.5	73.7		
May	401	374	27	6.7	71.9	392	367	25	6.3	74.3		
Jun	410	381	29	7.2	73.5	397	366	31	7.9	75.2		
Jul	410	379	31	7.5	73.4	395	366	30	7.5	74.7		
Aug	394	363	31	7.8	70.4	393	363	30	7.6	74.1		
Sep	396	361	35	8.9	70.6	385	358	27	7.0	72.4		
Oct	395	364	31	7.8	70.4	392	364	28	7.1	73.4		
Nov	393	359	33	8.5	69.8	395	364	31	7.8	73.8		
Dec												

Source: Statistics Canada, Catalogue No.'s 71-001 and 71-529

(1) Beginning 1984, data are based on 1981 CMA boundaries rather than the 1971 boundaries used previously. The boundary changes were minor but there are some small changes in the data.

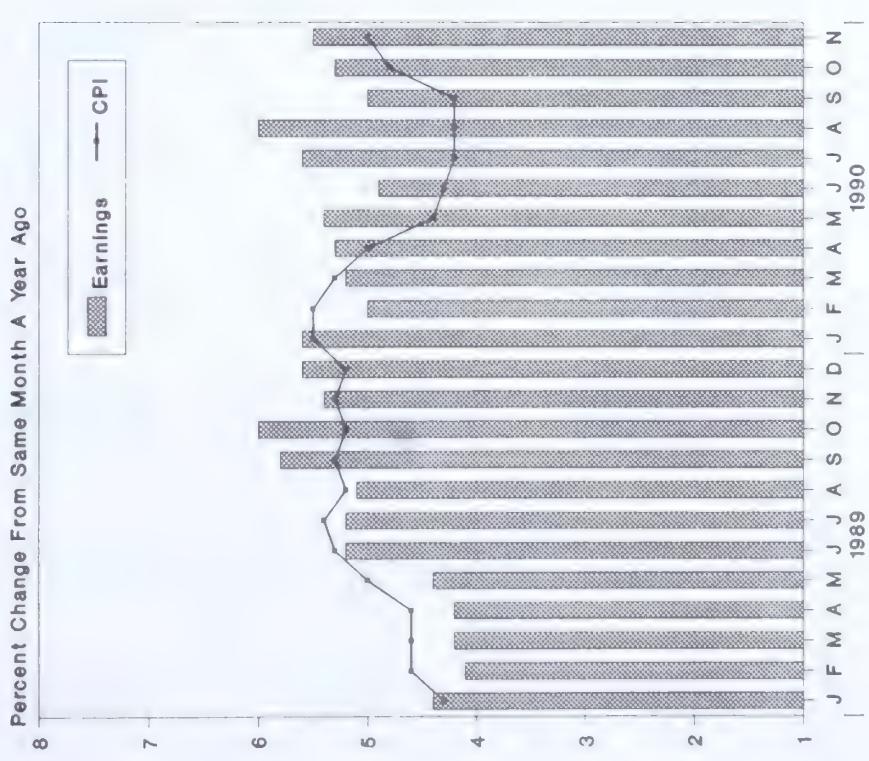
Note: The estimates presented in this table may have varying degrees of reliability.

\*\* MORE INFORMATION IS AVAILABLE THROUGH ASIST IN CANSIM MATRIX 2107 \*\*

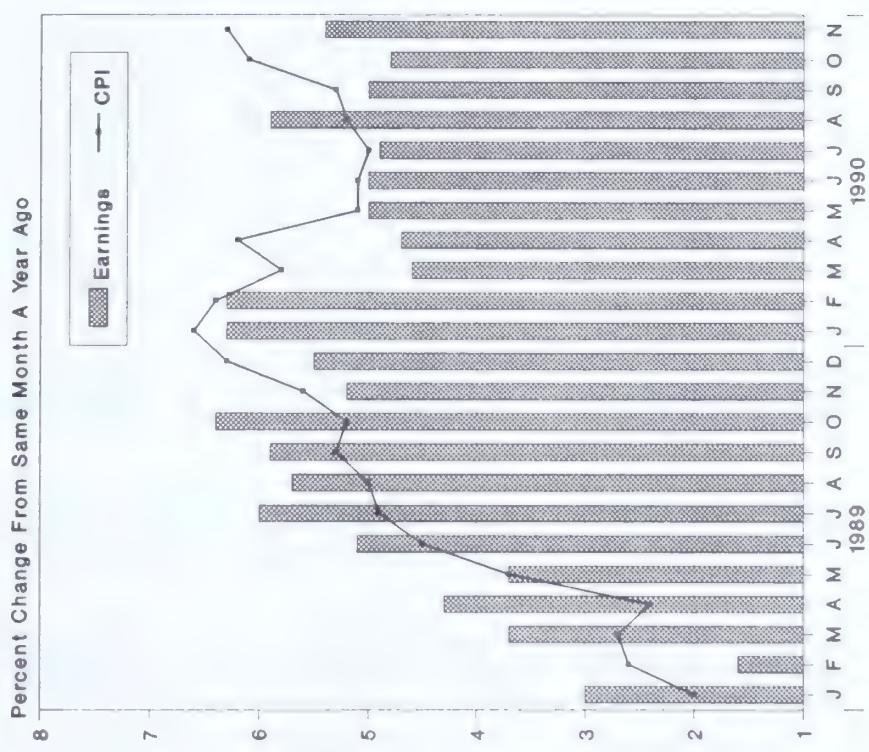


### 3.....INCOME

**Canada Average Weekly Earnings and  
Consumer Price Index (CPI)**



**Alberta Average Weekly Earnings and  
Consumer Price Index (CPI)**



### 3.1 PERSONAL INCOME AND PERSONAL DISPOSABLE INCOME, CANADA AND PROVINCES

	Canada(1)	Nfld.	P.E.I.	N.S.	N.B.	Que.	Ont.	Man.	Sask.	Alta.	B.C.	Yuk. & N.W.T.
<b>Personal Income (Millions of Dollars)</b>												
1979	219,467	3,618	800	6,073	4,630	55,825	84,607	8,411	7,734	20,545	26,422	635
1984	372,239	5,761	1,355	10,317	7,983	91,186	146,193	14,629	12,913	36,796	43,690	1,187
1985	400,199	6,269	1,414	11,563	8,594	97,598	156,293	15,470	13,904	40,523	46,487	1,434
1986	427,262	6,663	1,592	12,299	9,274	103,141	169,609	16,305	15,167	42,142	48,831	1,493
1987	462,028	7,290	1,667	13,218	9,937	111,772	187,316	17,343	15,293	43,243	52,626	1,575
1988	508,093	8,006	1,878	14,171	10,761	121,684	208,783	18,571	16,037	47,859	57,808	1,749
1989 (p)	533,938	8,563	1,989	15,200	11,567	131,254	230,055	19,887	17,234	51,067	64,423	1,871
<b>Per Capita Personal Income (Dollars)</b>												
1979	9,242	6,415	6,557	7,213	6,691	8,807	9,953	8,182	8,132	10,007	10,205	9,621
1984	14,903	10,072	10,840	11,941	11,275	14,046	16,422	13,866	12,900	15,738	15,341	16,260
1985	15,903	10,960	11,222	13,276	12,104	14,983	17,354	14,539	13,794	17,259	16,198	18,868
1986	16,853	11,724	12,575	14,085	13,055	15,770	18,612	15,221	15,014	17,743	16,902	19,645
1987	18,036	12,832	13,095	15,055	13,951	16,954	20,218	16,073	15,055	18,187	17,992	20,724
1988	19,611	14,075	14,615	16,069	15,065	18,324	22,138	17,130	15,823	20,036	19,397	22,714
1989 (p)	21,124	14,996	15,300	17,158	16,097	19,613	24,017	18,332	17,109	21,076	21,099	23,744
<b>Personal Disposable Income (Millions of Dollars)</b>												
1979	179,852	3,072	689	5,068	3,894	44,319	69,781	7,225	6,575	16,854	21,748	495
1984	300,346	4,868	1,157	8,459	6,639	71,506	118,348	12,411	10,762	29,459	35,643	917
1985	321,337	5,295	1,194	9,483	7,134	76,076	125,051	13,066	11,617	32,931	37,860	1,151
1986	338,093	5,549	1,336	9,951	7,579	79,092	133,292	13,538	12,613	34,060	39,340	1,183
1987	362,351	6,055	1,375	10,607	8,054	85,104	146,013	14,39	12,574	34,478	41,948	1,259
1988	396,476	6,663	1,550	11,364	8,687	92,157	161,735	15,271	13,113	38,208	45,793	1,378
1989 (p)	436,879	7,149	1,638	12,265	9,398	101,118	180,171	16,308	14,174	40,904	51,674	1,492

Source: Statistics Canada, Catalogue No. 13-201

(1) Includes income of Canadians temporarily abroad, including pay and allowances of Canadian Armed Forces abroad.

\*\* MORE INFORMATION IS AVAILABLE THROUGH ASIST IN CANSIM MATRICES 6662-6669 \*\*

### 3.2 AVERAGE WEEKLY EARNINGS, INDUSTRIAL AGGREGATE, CANADA AND PROVINCES

Canada*	Nfld.	P.E.I.	N.S.	N.B.	Que.	Ont.	Man.	Sask.	Alta.	B.C.
(Dollars)										
1984										
405.22	389.14	324.41	360.32	374.20	397.57	404.67	378.84	387.75	439.27	429.52
419.27	396.73	338.97	376.54	384.95	409.74	423.29	387.94	394.24	445.39	441.38
430.94	408.11	348.30	390.30	399.93	420.25	439.79	402.16	402.16	448.99	443.84
442.74	423.64	362.07	400.02	407.39	430.88	456.35	407.85	406.00	450.28	453.42
463.80	443.99	379.26	417.92	421.16	454.01	482.67	422.05	411.30	462.76	466.52
486.87	465.80	400.82	432.86	442.80	472.82	509.08	445.08	425.99	484.47	491.63
1989 (1)										
Jan	474.25	465.16	385.74	423.27	434.20	464.48	493.12	435.73	420.18	469.95
Feb	474.85	463.68	386.30	425.86	431.32	465.20	495.07	433.80	414.36	467.84
Mar	478.03	462.69	391.61	425.77	433.89	464.55	497.43	437.37	420.51	478.70
Apr	480.94	463.23	394.29	427.92	438.61	468.43	503.12	442.37	415.91	476.22
May	482.23	459.84	389.50	427.11	437.82	469.15	504.37	440.98	422.96	487.88
Jun	489.10	465.49	395.31	435.47	440.48	472.95	512.65	446.46	431.87	486.30
Jul	488.07	466.60	406.23	437.09	442.57	471.67	511.53	447.17	425.45	490.73
Aug	489.56	461.67	400.90	437.09	445.16	472.70	513.70	449.43	426.29	490.74
Sep	495.31	468.18	411.78	433.99	450.07	478.83	519.27	450.79	435.34	494.80
Oct	496.91	468.99	418.11	437.09	449.64	482.54	519.97	451.54	432.64	496.58
Nov	495.52	470.22	414.39	437.60	453.93	478.51	520.02	450.12	431.75	490.92
Dec	496.59	474.04	413.97	444.46	453.75	484.51	517.88	454.90	433.30	490.68
1990 (1)(p)										
Jan	500.78	478.86	418.60	445.76	452.58	487.08	522.92	457.64	437.63	499.66
Feb	498.64	476.03	410.80	447.97	451.98	485.93	522.26	453.61	433.23	497.39
Mar	502.80	476.94	414.94	452.00	457.49	489.31	526.25	460.05	432.59	500.64
Apr	506.38	473.75	418.16	456.64	464.39	494.94	529.83	461.02	439.93	498.79
May	508.13	479.43	412.29	455.80	456.28	497.06	529.91	462.29	443.51	506.24
Jun	513.09	483.49	410.20	460.00	465.39	504.11	536.14	461.44	447.82	513.45
Jul	515.14	488.29	416.84	460.24	463.15	504.26	540.19	462.05	447.29	514.71
Aug	518.67	490.96	417.55	458.62	463.70	508.13	543.22	468.89	446.66	519.51
Sep	520.37	489.25	425.51	461.05	467.45	510.75	543.15	465.44	451.50	519.38
Oct	523.41	489.79	427.43	462.46	470.21	513.26	545.79	468.89	456.14	520.17
Nov	523.03	492.74	426.98	468.39	473.68	513.97	545.21	466.10	456.14	533.14
Dec										531.03

Source: Statistics Canada, Catalogue No. 72-002

\* Includes Yukon and N.W.T.

(1) Not directly comparable to 1986 and earlier data due to significant survey methodology changes implemented January 1, 1987.  
Note: Data are for all employees and include overtime.

\*\* MORE INFORMATION IS AVAILABLE THROUGH ASIST IN CANSIM MATRICES 8007-8807 \*\*

### 3.3 AVERAGE WEEKLY EARNINGS BY INDUSTRY, ALBERTA

	Industrial Aggregate	Forestry	Mines, Quarries, Oil Wells	Manufacturing	Construction	Transportation	Trade	Finance	Service	Public Administration
(Dollars)										
1984	439.27	496.68	730.38	501.75	534.83	534.47	317.90	428.24	365.12	512.71
	445.39	498.89	755.57	521.17	513.64	546.93	323.50	434.19	367.62	516.87
1985	448.99	503.12	759.57	526.81	496.46	563.71	332.20	437.48	372.79	533.77
1986	450.28	567.79	783.15	526.16	501.10	568.15	327.61	479.98	370.11	544.07
1987 (1)	462.76	555.95	826.35	544.16	535.54	587.13	340.57	469.92	374.22	563.05
1988 (1)	484.47	597.79	877.69	569.15	584.00	611.77	357.98	485.79	390.31	593.96
1989 (1)										
Jan	469.95	601.20	850.40	554.97	562.40	607.86	348.76	469.27	376.02	593.08
Feb	467.84	606.40	844.40	557.10	574.99	604.14	344.45	460.73	372.30	600.38
Mar	478.70	554.08	869.94	559.05	578.84	611.97	363.41	477.11	382.47	591.77
Apr	476.22	578.92	878.39	558.97	562.69	601.36	357.62	482.03	379.68	591.39
May	478.34	561.61	867.01	564.88	550.92	604.07	363.59	473.42	386.04	583.38
Jun	486.30	614.82	874.17	568.39	555.26	604.44	359.77	484.94	395.87	592.47
Jul	490.73	622.34	877.12	564.70	610.76	607.64	356.85	493.55	399.07	580.96
Aug	490.74	616.12	889.13	566.61	566.33	616.62	366.41	498.71	398.89	580.10
Sep	494.80	605.12	895.08	581.97	625.79	615.56	364.37	498.43	394.66	592.17
Oct	496.58	627.42	900.62	587.95	612.44	622.23	357.23	493.40	405.07	597.17
Nov	490.92	578.42	896.84	586.22	610.77	623.96	355.60	498.28	394.30	607.89
Dec	490.68	557.22	892.31	576.44	573.48	619.81	358.14	498.08	398.54	617.00
1990 (1)(p)										
Jan	499.66	587.71	936.45	586.50	635.03	632.34	355.61	500.72	399.33	613.42
Feb	497.39	588.24	940.08	588.09	627.12	615.57	359.83	497.63	393.03	620.74
Mar	500.64	581.21	926.43	588.14	634.60	627.71	360.05	498.34	398.84	622.35
Apr	498.79	563.48	942.43	586.43	623.39	624.56	362.16	506.81	394.53	628.82
May	506.24	556.17	926.61	592.53	640.43	633.76	365.73	509.26	400.92	629.49
Jun	510.58	574.41	926.20	596.75	650.26	641.63	365.20	520.76	407.21	616.53
Jul	514.71	587.20	924.01	593.88	641.13	645.07	370.35	515.87	415.85	613.64
Aug	519.51	667.07	919.21	594.80	635.62	657.69	378.08	514.55	418.94	622.18
Sep	519.38	634.21	940.98	608.33	690.43	646.92	373.90	498.98	411.50	640.47
Oct	520.17	670.94	939.16	617.89	671.40	655.85	372.49	501.14	414.87	646.38
Nov	517.26	630.75	943.35	626.77	651.72	654.00	364.70	498.54	414.94	655.71

Source: Statistics Canada, Catalogue No. 72-002

(1) Not directly comparable to 1986 and earlier data due to significant survey methodology changes implemented January 1, 1987.  
Note: Data are for all employees and include overtime.

\*\* MORE INFORMATION IS AVAILABLE THROUGH ASSIST IN CANSIM MATRIX 8547 \*\*

### 3.4 AVERAGE WEEKLY EARNINGS BY INDUSTRY, EDMONTON\*

	Industrial Aggregate	Manufacturing	Construction	Transportation	Trade	Finance	Service
	(Dollars)						
1984	414.57	501.03	531.22	545.06	316.71	421.08	369.01
1985	425.65	517.61	529.68	566.86	339.15	422.52	368.26
1986	428.46	521.62	513.83	578.57	346.86	429.49	372.78
1987	431.27	524.22	522.69	581.11	351.25	477.26	365.92
1988	435.89	547.86	535.01	587.57	342.51	443.69	373.02
1989*	460.01	565.79	579.14	612.07	371.33	452.08	387.31
1988							
Jan	431.09	538.00	546.39	593.58	336.73	452.44	362.04
Feb	435.27	535.74	542.82	603.84	335.02	443.23	373.03
Mar	432.40	546.04	528.10	592.87	341.41	456.84	365.60
Apr	429.84	546.59	517.27	584.26	331.04	451.25	367.72
May	433.97	546.86	542.44	573.26	344.51	431.60	367.73
Jun	434.26	556.88	525.14	572.61	341.63	447.99	369.29
Jul	431.49	553.39	530.49	580.66	337.18	443.20	370.80
Aug	433.21	549.17	538.13	567.43	337.06	445.51	377.30
Sep	443.70	555.22	533.78	596.08	349.12	434.50	385.96
Oct	439.21	557.73	546.41	597.08	343.50	441.76	374.76
Nov	443.93	549.12	553.57	596.54	350.13	442.79	381.23
Dec	441.52	537.74	515.62	592.67	362.84	433.13	380.81
1989*							
Jan	447.20	545.67	546.97	609.67	352.41	436.06	383.53
Feb	444.11	550.42	543.19	613.36	346.15	451.49	374.76
Mar	457.50	552.06	562.02	617.74	378.67	445.36	383.28
Apr	456.92	560.89	571.81	610.02	374.61	447.55	380.67
May	461.69	566.02	568.95	600.85	381.02	440.62	387.88
Jun	463.98	561.39	568.56	593.58	381.52	443.66	393.20
Jul	462.88	556.41	587.77	601.51	378.19	450.77	389.21
Aug	462.13	568.29	574.98	605.64	380.80	465.46	385.06
Sep	462.62	577.43	623.55	614.22	375.38	465.54	382.32
Oct	475.02	588.10	630.27	630.70	364.17	463.07	409.33
Nov	465.34	585.49	606.76	630.81	370.42	454.06	389.86
Dec	458.92	572.59	564.89	616.75	372.68	461.28	388.61

Source: Statistics Canada, Catalogue No. 72-002

\* These data series have been terminated and are not available after the December, 1989 reference month.

Note: Data are for all employees and include overtime.

\*\* MORE INFORMATION IS AVAILABLE THROUGH ASIST IN CANSIM MATRIX 8907 \*\*

### 3.5 AVERAGE WEEKLY EARNINGS BY INDUSTRY, CALGARY\*

	Industrial Aggregate	Mines, Quarries, Oil Wells	Manufacturing	Construction	Transportation	Trade	Finance	Service
(Dollars)								
1984	458.72	748.19	495.56	534.10	550.37	333.01	448.95	380.62
	465.40	770.49	525.21	509.68	567.03	335.74	451.81	380.94
1985	474.14	779.18	537.35	502.70	584.53	345.75	459.56	394.31
1986	476.88	811.86	546.06	519.18	590.99	344.27	506.73	391.00
1987	491.96	852.81	537.67	559.00	612.95	361.68	508.61	396.06
1988*	513.51	912.78	570.69	599.13	640.84	368.55	529.53	419.40
1988	484.06	839.37	505.25	566.19	602.81	348.34	477.05	400.01
	490.14	863.23	527.99	566.43	623.89	349.18	482.44	401.44
Jan	490.80	860.50	522.26	558.72	609.36	365.56	488.17	401.23
Feb	481.96	853.09	530.47	524.03	614.52	358.24	492.76	388.48
Mar	488.99	852.45	538.74	521.48	607.81	366.67	494.43	393.82
Apr	491.47	846.47	542.18	550.31	613.19	360.66	523.76	395.74
May	495.63	837.73	531.74	555.33	623.09	366.11	534.20	397.60
Jun	496.62	841.70	536.10	543.18	621.85	357.90	533.33	399.38
Jul	499.39	855.98	546.21	592.26	608.72	369.49	525.77	397.49
Aug	497.21	857.47	554.33	595.31	598.24	365.85	510.67	397.85
Sep	493.88	860.10	561.15	582.10	613.51	368.69	522.15	388.86
Oct	492.81	865.62	559.06	552.61	618.42	363.42	518.61	390.86
Nov								
Dec								
1989*	495.50	872.99	553.09	625.04	631.99	357.31	503.28	397.12
	493.60	876.76	551.25	653.36	623.25	353.25	491.50	398.92
Jan	504.88	890.36	566.11	605.70	619.90	371.87	514.88	409.10
Feb	507.14	910.36	567.48	574.81	627.70	364.92	530.76	408.67
Mar	503.47	897.42	565.81	557.00	617.84	373.50	518.86	408.51
Apr	514.98	905.75	569.07	574.16	641.20	365.76	542.56	421.09
May	516.19	914.13	574.79	580.03	633.09	353.82	554.30	424.08
Jun	523.54	917.26	568.15	583.89	647.23	379.77	547.21	430.26
Jul	528.11	933.10	587.85	627.81	650.39	376.21	536.84	429.90
Aug	526.81	944.23	579.56	600.07	644.73	379.86	530.88	440.54
Sep	524.30	944.65	583.36	613.08	677.93	371.85	545.28	433.25
Oct	522.31	946.40	580.66	594.66	674.89	374.47	538.01	431.37

Source: Statistics Canada, Catalogue No. 72-002

\* These data series have been terminated and are not available after the December, 1989 reference month.  
Note: Data are for all employees and include overtime.

\*\* MORE INFORMATION IS AVAILABLE THROUGH ASIST IN CANSIM MATRIX 88887 \*\*

### 3.6 LABOUR INCOME BY INDUSTRY, ALBERTA

Wages and Salaries							Supplementary Labour Income			
	Total Labour Income	Mines Total (1)	Quarries & Oil Wells	Manufacturing	Construction	Transportation (2)	Trade	Finance (3)	Service	Public Admin.
(Millions of Dollars)										
1979	13,968	13,021	1,171	1,403	1,681	1,528	1,818	798	3,408	1,030
1984	23,716	21,793	2,469	2,027	1,690	2,629	2,738	1,499	6,437	1,988
1985	26,376	24,277	2,921	2,463	1,715	2,615	2,290	1,698	7,213	1,923
1986	27,030	24,842	2,751	2,519	1,657	2,627	3,486	1,774	7,526	2,098
1987	27,553	25,268	2,661	2,569	1,678	2,707	3,542	1,897	7,689	2,187
1988	30,042	27,528	3,146	2,762	1,921	2,882	3,896	2,012	8,331	2,093
1989	32,601	29,952	3,382	2,956	2,182	3,104	4,203	2,173	9,191	2,299
1989										947
Jan	2,552	2,345	274	229	151	245	344	171	725	179
Feb	2,559	2,351	280	230	154	244	329	172	735	181
Mar	2,608	2,396	286	235	153	252	339	175	748	180
Apr	2,599	2,388	280	238	157	248	341	179	733	184
May	2,659	2,443	279	249	170	255	350	177	745	186
Jun	2,774	2,548	288	256	189	260	354	185	763	212
Jul	2,807	2,579	287	254	203	265	357	189	770	204
Aug	2,812	2,584	285	253	206	264	358	190	770	201
Sep	2,830	2,600	288	255	216	266	353	186	792	192
Oct	2,841	2,610	282	255	215	269	356	183	813	192
Nov	2,800	2,572	275	253	198	269	359	184	803	192
Dec	2,761	2,536	277	247	171	269	364	184	795	195
1990 (p)										225
Jan	2,805	2,569	295	248	184	277	362	183	799	193
Feb	2,810	2,573	299	247	191	273	351	185	807	193
Mar	2,853	2,613	297	254	186	282	357	185	828	196
Apr	2,838	2,599	293	257	186	279	361	188	807	199
May	2,946	2,698	302	269	214	283	372	192	815	216
Jun	2,988	2,737	305	272	223	285	373	195	830	212
Jul										251
Aug										
Sep										
Oct										
Nov										
Dec										

Source: Statistics Canada, Catalogue No. 72-005

(1) Includes Agriculture, Fishing, Hunting and Trapping, and Forestry

(2) Includes Communication and Other Utilities

(3) Includes Insurance and Real Estate

### 3.7 AVERAGE TOTAL INCOME OF TAXABLE PERSONS, ALBERTA CENSUS DIVISIONS AND CITIES

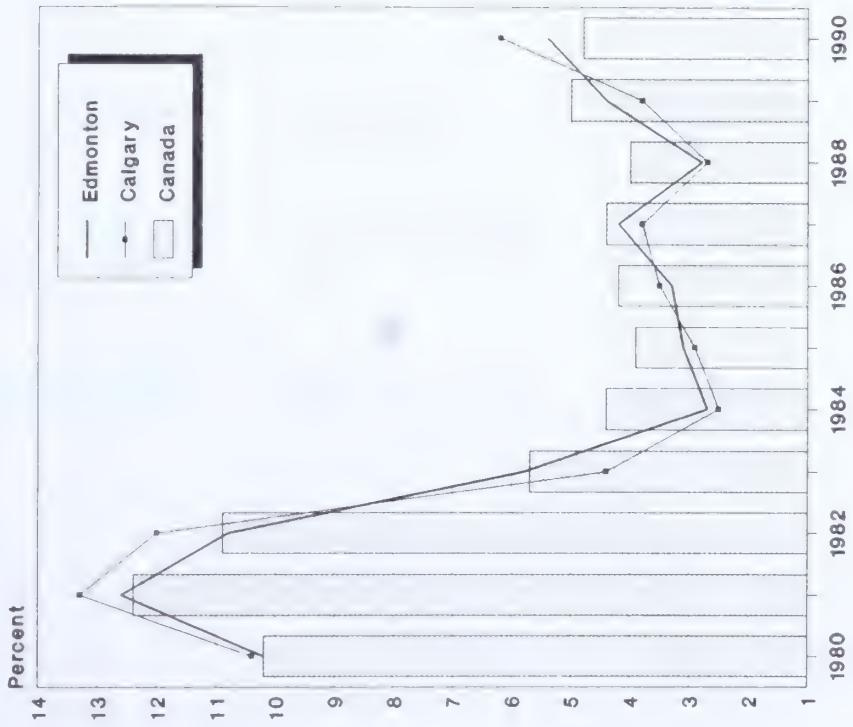
	1978	1983	1984	1985	1986	1987	1988
(Dollars)							
Alberta	16,862	25,780	26,178	26,606	25,445	26,167	29,228
Census Division 1	16,396	24,067	24,411	24,722	23,257	23,918	26,725
Census Division 2	16,093	23,725	23,907	24,215	22,924	23,311	25,940
Census Division 3	15,713	22,297	22,719	22,653	21,250	21,652	24,785
Census Division 4	16,095	23,259	23,739	23,167	22,272	22,898	25,311
Census Division 5	16,205	23,606	23,500	23,817	22,114	22,602	24,801
Census Division 6	17,365	27,654	28,259	28,851	27,975	28,613	31,905
Census Division 7	15,636	23,023	23,577	23,979	22,170	22,776	25,446
Census Division 8	..	..	..	..	..	..	26,572
Census Division 9	15,536	23,057	23,473	24,105	22,183	22,397	25,862
Census Division 10	17,031	25,678	25,872	26,262	25,158	26,031	29,012
Census Division 11	..	..	..	..	..	..	25,449
Census Division 12	15,407	21,828	22,108	22,227	20,918	21,211	23,915
Census Division 13	17,191	25,661	26,718	26,735	25,506	25,738	28,850
Census Division 14	15,396	23,114	23,526	23,463	22,427	23,600	26,547
Census Division 15	..	..	..	..	..	..	37,084
Census Division 16	..	..	..	..	..	..	26,472
Census Division 17	..	..	..	..	..	..	29,647
Census Division 18	..	..	..	..	..	..	27,120
Census Division 19	..	..	..	..	..	..	..
Airdrie	16,556	25,102	25,824	26,150	25,430	25,924	29,172
Calgary	17,396	27,824	28,453	29,062	28,235	28,868	32,159
Camrose	15,689	23,786	23,604	24,121	22,819	23,164	25,702
Drumheller	15,814	23,184	23,876	24,313	23,304	23,184	25,292
Edmonton	17,020	25,319	25,508	25,913	24,765	25,748	28,637
Fort McMurray	20,779	34,887	36,402	35,941	34,359	36,212	39,686
Fort Saskatchewan	17,665	28,155	28,046	28,244	27,389	27,904	30,822
Grande Prairie	16,721	25,076	25,471	25,860	24,945	26,154	28,979
Leduc	17,540	25,828	26,121	26,573	25,087	25,331	28,543
Lethbridge	16,272	24,134	24,498	24,750	23,755	24,108	26,561
Lloydminster (Alta. portion)	17,786	25,476	26,453	28,109	25,574	25,462	28,382
Medicine Hat	16,392	24,117	24,545	25,001	23,513	24,152	26,999
Red Deer	16,512	24,621	24,798	25,399	24,392	25,307	28,149
Spruce Grove	18,090	26,100	25,993	26,403	25,652	26,163	29,516
St. Albert	18,923	28,297	28,515	28,748	28,549	29,418	32,595
Wetaskiwin	16,368	22,205	23,279	23,635	22,067	22,403	25,324

Source: Revenue Canada, "Taxation Statistics"

Note: Beginning with 1988, Census Division data are based on 1986 boundaries.

\*\* MORE INFORMATION IS AVAILABLE IN ASIST MATRIX 1301 \*\*

### Consumer Price Index Annual Percent Change



- The largest increases in 1990 annual Consumer Price Indexes among the surveyed cities were posted in Calgary (6.2%), Vancouver (5.5%), and Edmonton (5.4%). The latest increases for the Alberta cities were higher than rates of 2.7% to 4.4% recorded during the previous five-year period. Canada's increase was 4.8%, down slightly from 5.0% in 1989.
- 1990 increases among Edmonton and Calgary component items were the greatest in alcohol/tobacco and transportation. Calgary's food component jumped 6.7%, a turnaround from the 0.4% decrease recorded in 1989. In comparison, Edmonton's food index increase moved up from 2.8% to 3.4%.

#### 4.1 CONSUMER PRICE INDEX, ALL-ITEMS, PROVINCES

	Nfld.	P.E.I.	N.S.	N.B.	Que.	Ont.	Man.	Sask.	Alta.	B.C.
(1986=100)										
1980	67.1	69.4	68.2	67.2	66.4	66.6	68.7	69.6	69.2	68.0
1985	97.2	98.0	96.9	96.6	95.5	95.8	95.8	97.3	96.7	97.1
1986	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1987	102.9	103.6	103.4	102.8	104.4	105.1	104.2	105.0	104.0	103.0
1988	105.3	107.4	107.0	106.5	108.3	110.0	108.6	109.6	106.8	106.7
1989 (1)	109.1	111.5	111.9	111.5	112.9	116.4	113.7	114.4	111.3	111.5
1990	113.8	117.1	117.5	116.6	117.7	122.0	118.9	119.5	117.7	117.6
1989 (1)										
Jan	106.2	108.6	108.9	108.6	110.1	112.9	111.1	111.6	111.6	107.7
Feb	107.0	109.0	109.2	108.9	111.1	113.7	111.6	112.3	108.3	109.3
Mar	107.7	109.7	109.4	109.1	111.3	114.3	112.1	112.8	109.2	109.9
Apr	108.0	110.0	110.3	110.1	111.7	114.9	112.2	112.7	109.5	109.9
May	108.8	111.0	111.7	111.2	112.8	116.0	113.2	114.2	111.0	110.9
Jun	109.4	111.6	112.3	111.8	113.4	116.6	113.2	114.8	111.7	111.2
Jul	109.9	112.4	113.1	112.7	113.9	117.5	114.7	115.6	112.6	111.9
Aug	110.1	112.1	113.1	113.0	113.9	117.6	114.8	115.7	112.6	112.3
Sep	110.0	113.0	113.0	112.7	113.7	117.6	114.9	115.6	113.0	112.8
Oct	110.3	113.1	113.3	112.9	114.3	118.3	115.0	115.7	113.0	113.4
Nov	110.6	113.8	113.9	113.2	114.7	118.7	116.0	116.3	113.4	113.7
Dec	110.8	113.5	114.0	113.3	114.2	118.7	115.7	116.0	113.8	113.8
1990										
Jan	111.4	114.1	114.4	113.9	115.4	119.6	116.4	116.7	114.8	114.8
Feb	112.5	114.9	115.6	115.2	115.9	120.3	117.0	115.2	115.2	115.6
Mar	112.9	115.4	116.0	115.4	116.3	120.7	117.6	118.4	115.5	116.2
Apr	112.6	116.4	116.1	115.8	116.1	120.7	117.6	118.5	116.3	116.4
May	112.5	116.4	116.9	115.6	116.9	121.3	118.0	118.6	116.7	116.9
Jun	113.0	116.9	117.2	115.8	117.3	121.8	118.6	119.2	117.4	117.6
Jul	113.8	117.2	117.8	116.4	117.9	122.4	119.1	119.9	118.2	117.9
Aug	114.2	117.7	118.1	116.6	118.1	122.4	119.4	120.0	118.5	118.1
Sep	114.6	118.2	118.4	117.2	118.4	122.6	119.7	120.1	119.0	118.6
Oct	115.4	118.6	118.8	118.3	119.6	123.6	120.6	121.0	119.9	119.1
Nov	116.0	119.2	120.1	119.1	120.4	124.3	121.2	121.2	120.6	120.0
Dec	116.4	120.1	120.9	119.8	120.4	123.9	121.7	121.7	120.5	119.7

Source: Statistics Canada, Catalogue No. 62-010

(1) Beginning Jan-89, the 1982 Family Expenditure weights were replaced by the 1986 survey weights. See Glossary for further information.

Note: The Consumer Price Index measures the movement of prices in each province. It does not indicate price level differences between provinces.

## 4.2 CONSUMER PRICE INDEX, ALL-ITEMS ANNUAL PERCENT CHANGE, PROVINCES

	Nfld.	P.E.I.	N.S.	N.B.	Que.	Ont.	Man.	Sask.	Alta.	B.C.
	(Percent Change)									
1980/79	11.6	10.5	10.5	10.3	10.3	10.3	9.9	10.1	10.2	9.3
1985/84	4.2	3.7	4.4	4.5	4.4	4.1	4.2	3.6	3.0	3.1
1986/85	2.9	2.0	3.2	3.5	4.7	4.4	2.8	3.4	3.0	3.0
1987/86	2.9	3.6	3.4	2.8	4.4	5.1	4.2	5.0	4.0	3.0
1988/87	2.3	3.7	3.5	3.6	3.7	4.7	4.2	4.4	2.7	3.6
1989/88	3.6	3.8	4.6	4.7	4.2	5.8	4.7	4.4	4.2	4.5
1990/89	4.3	5.0	5.0	4.6	4.3	4.8	4.6	4.5	5.8	5.5
1989/88	2.1	3.2	3.8	3.6	3.7	5.5	4.8	3.1	2.0	3.5
Jan	2.6	2.8	3.4	3.6	3.9	5.8	5.1	3.4	2.6	4.0
Feb	3.0	3.1	3.2	3.7	3.8	5.8	4.5	3.7	2.7	3.9
Mar	3.0	3.1	3.7	4.5	3.9	6.0	3.9	3.4	2.4	3.5
Apr	3.9	3.8	5.2	5.5	4.5	5.7	4.8	4.6	3.7	4.2
May	4.1	4.1	5.3	5.5	4.9	6.0	4.5	5.0	4.5	4.7
Jun	4.1	4.3	5.2	5.4	5.0	6.1	5.6	5.2	4.9	4.5
Jul	4.0	3.3	4.7	5.2	4.5	5.9	5.1	5.0	5.0	4.9
Aug	3.9	4.3	5.1	4.8	4.4	5.8	4.7	5.2	5.3	4.8
Sep	4.1	4.0	4.9	4.9	4.5	5.7	4.2	4.6	5.2	5.2
Oct	3.9	4.7	4.8	4.7	4.5	5.8	5.1	4.8	5.6	5.1
Nov	4.3	4.6	5.3	4.9	3.9	5.7	4.4	4.6	6.3	5.5
Dec										
1990/89	4.9	5.1	5.1	4.9	4.8	5.9	4.8	4.6	6.6	5.5
Jan	5.1	5.4	5.9	5.8	4.3	5.8	4.8	5.2	6.4	5.8
Feb	4.8	5.2	6.0	5.8	4.5	5.6	4.9	5.0	5.8	5.7
Mar	4.3	5.8	5.3	5.2	3.9	5.0	4.8	5.1	6.2	5.9
Apr	3.4	4.9	4.7	4.0	3.6	4.6	4.2	3.9	5.1	5.4
May	3.3	4.7	4.4	3.6	3.4	4.5	4.8	3.8	5.1	5.8
Jun	3.5	4.3	4.2	3.3	3.5	4.2	3.8	3.7	5.0	5.4
Jul	3.7	5.0	4.4	3.2	3.7	4.1	4.0	3.7	5.2	5.2
Aug	4.2	4.6	4.8	4.0	4.1	4.3	4.2	3.9	5.3	5.1
Sep	4.6	4.9	4.9	4.8	4.6	4.5	4.9	4.6	6.1	5.0
Oct	4.9	4.7	5.4	5.2	5.0	4.7	4.5	4.2	6.3	5.5
Nov	5.1	5.8	6.1	5.7	5.4	4.4	4.9	4.9		
Dec										

Source: Statistics Canada, Catalogue No. 62-010

Note: The Consumer Price Index measures the movement of prices in each province. It does not indicate price level differences between provinces.

Annual data are percent changes from the previous year.  
Monthly data are percent changes from the same month in the previous year.

\* MORE INFORMATION IS AVAILABLE THROUGH ASSIST IN CANSIM MATRICES 1850-1869 \*\*

#### 4.3 CONSUMER PRICE INDEX, ALL-ITEMS, CANADA AND SELECTED CITIES

	Canada	Edmonton	Calgary	Halifax	Montreal	Toronto	Winnipeg	Regina	Vancouver
(1986=100)									
1980	67.2	69.3	69.1	67.9	66.2	66.1	68.7	69.8	67.7
1985	96.0	96.8	96.6	96.7	95.3	95.5	95.7	97.9	96.8
1986	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1987	104.4	104.2	103.8	103.6	104.5	105.6	104.2	105.0	103.1
1988	108.6	107.1	106.6	107.4	108.5	110.9	108.5	109.4	106.8
1989 (1)	114.0	111.8	110.7	112.5	113.3	117.9	113.7	114.4	111.5
1990	117.8	117.6	118.2	118.1	123.4	118.9	119.2	119.6	117.6
(1986=100)									
1989 (1)	110.9	108.7	106.8	109.5	110.5	114.3	111.2	111.5	108.9
Jan	111.6	109.0	107.7	109.9	111.4	115.2	111.6	112.2	109.4
Feb	112.2	110.0	108.5	110.2	111.6	115.8	112.1	112.7	110.1
Mar	112.5	110.4	108.6	110.9	112.1	116.3	112.2	112.2	109.7
Apr	113.7	111.8	110.1	112.3	113.2	117.5	113.2	114.4	110.8
May	114.3	112.4	111.0	112.8	113.8	118.2	113.1	114.7	111.1
Jun	115.0	113.0	112.0	113.7	114.4	119.0	114.7	115.6	111.9
Jul	115.1	112.9	112.1	113.7	114.3	119.1	114.8	115.6	112.3
Aug	115.3	113.1	112.7	113.6	114.1	119.2	114.9	115.6	112.8
Sep	115.7	113.2	112.6	113.8	114.7	119.8	115.0	115.7	113.4
Oct	116.1	113.6	113.0	114.5	115.1	120.2	116.0	116.2	113.7
Nov	116.0	113.8	113.5	114.7	114.6	120.3	115.7	115.8	113.8
Dec									
1990	117.0	114.8	114.5	115.1	115.8	121.0	116.4	116.4	115.1
Jan	117.7	115.0	115.1	116.4	116.3	121.9	117.0	117.7	115.8
Feb	118.1	115.4	115.4	116.8	116.8	122.3	117.6	118.3	116.2
Mar	118.1	116.1	116.3	116.8	116.6	122.2	117.6	118.4	116.5
Apr	118.7	116.7	116.6	117.5	117.3	122.7	118.0	118.5	116.9
May	119.2	117.4	117.4	117.8	117.7	123.3	118.6	119.1	117.5
Jun	119.8	118.4	118.0	118.5	118.2	124.0	119.1	119.9	117.8
Jul	119.9	118.7	118.4	118.6	118.4	123.9	119.4	119.9	118.1
Aug	120.2	119.1	118.9	119.0	118.9	124.0	119.7	119.9	118.8
Sep	121.2	120.1	119.7	119.4	120.1	125.0	120.7	120.7	119.2
Oct	121.9	120.9	120.4	120.7	120.9	125.6	121.3	120.6	120.1
Nov	121.8	120.5	121.6	121.6	121.6	125.1	121.7	121.3	119.7
Dec									

Source: Statistics Canada, Catalogue No. 62-001

(1) Beginning Jan-89, the 1982 Family Expenditure weights were replaced by the 1986 survey weights. See Glossary for further information.

Note: The Consumer Price Index measures the movement of prices in each city. It does not indicate price level differences between cities or between cities and Canada.

\*\* MORE INFORMATION IS AVAILABLE THROUGH ASIST IN CANSIM MATRICES 1922-1937 \*\*

#### 4.4 CONSUMER PRICE INDEX, ALL-ITEMS ANNUAL PERCENT CHANGE, CANADA AND SELECTED CITIES

	Canada	Edmonton	Calgary	Halifax	Montreal	Toronto	Winnipeg	Regina	Vancouver
(Percent Change)									
1980/79	10.2	10.2	10.4	10.8	10.3	10.2	9.9	10.1	9.4
1985/84	3.9	3.1	2.9	4.5	4.4	3.9	4.1	3.7	3.2
1986/85	4.2	3.3	3.5	3.4	4.9	4.7	4.5	2.1	3.3
1987/86	4.4	4.2	3.8	3.6	4.5	5.6	4.2	5.0	3.1
1988/87	4.0	2.8	2.7	3.7	3.8	5.0	4.1	4.2	3.6
1989/88	5.0	4.4	3.8	4.7	4.4	6.3	4.8	4.6	4.4
1990/89	4.8	5.0	5.1	4.2	4.7	4.2	4.6	4.2	5.5
(Percent Change)									
1989/88	4.3	3.0	1.1	4.1	3.9	6.2	5.0	3.2	3.6
Jan	4.6	3.0	2.3	3.8	4.1	6.6	5.3	3.5	4.3
Feb	4.6	3.4	2.1	3.6	3.9	6.6	4.6	3.7	3.9
Mar	4.6	3.2	1.8	3.9	4.1	6.5	4.0	3.1	3.2
Apr	5.0	4.2	3.3	5.4	4.6	6.3	4.8	5.0	4.1
May	5.3	4.9	4.1	5.5	5.1	6.4	4.4	5.1	4.5
Jun	5.4	5.3	4.6	5.4	5.1	6.5	5.6	5.3	4.4
Jul	5.2	5.1	4.8	4.9	4.7	6.2	5.1	5.0	4.8
Aug	5.3	5.1	5.3	5.4	4.5	6.2	4.7	5.5	4.7
Sep	5.2	5.2	5.1	5.0	4.6	6.0	4.1	4.9	5.0
Oct	5.3	5.6	5.6	4.9	4.5	5.9	5.1	4.9	4.9
Nov	5.2	5.4	6.8	5.3	4.0	5.9	4.4	4.6	5.4
Dec									
1990/89	5.5	5.6	7.2	5.1	4.8	5.9	4.7	4.4	5.7
Jan	5.5	5.5	6.9	5.9	4.4	5.8	4.8	4.9	5.9
Feb	5.3	4.9	6.4	6.0	4.6	5.6	4.9	5.0	5.5
Mar	5.0	5.2	7.1	5.3	4.0	5.1	4.8	5.5	6.2
Apr	4.4	4.4	5.9	4.6	3.6	4.4	4.2	3.6	5.5
May	4.3	4.4	5.8	4.4	3.4	4.3	4.9	3.8	5.8
Jun	4.2	4.8	5.4	4.2	3.3	4.2	3.8	3.7	5.3
Jul	4.2	5.1	5.6	4.3	3.6	4.0	4.0	3.7	5.2
Aug	4.2	5.3	5.5	4.8	4.2	4.0	4.2	3.7	5.3
Sep	4.2	6.1	6.3	4.9	4.7	4.3	5.0	4.3	5.1
Oct	5.0	6.4	6.5	5.4	5.0	4.5	4.6	3.8	5.6
Nov	5.0	5.9	6.0	5.4	4.0	4.0	4.0	4.7	5.2
Dec									

Source: Statistics Canada, Catalogue No. 62-001

Note: The Consumer Price Index measures the movement of prices in each city. It does not indicate price level differences between cities or between cities and Canada.

Annual data are percent changes from the previous year.  
Monthly data are percent changes from the same month in the previous year.

\*\* MORE INFORMATION IS AVAILABLE THROUGH ASIST IN CANSIM MATRICES 1922-1937 \*\*

#### 4.5 CONSUMER PRICE INDEX BY MAIN COMPONENTS, EDMONTON

	All Items	Food	Housing	Clothing	Transportation	Health, Personal Care	Recreation, Education, Reading	Tobacco, Alcohol
(1986=100)								
1980	69.3	70.5	71.7	79.5	64.5	66.6	71.1	50.8
1985	96.8	95.1	98.3	97.6	97.2	96.5	96.6	90.7
1986	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1987	104.2	104.3	101.8	103.8	104.6	104.1	105.6	115.1
1988	107.1	106.6	104.2	109.3	103.5	107.6	112.5	123.5
1989 (1)	111.8	109.6	108.1	112.8	110.5	113.0	116.9	133.3
1990	117.8	113.3	114.4	115.8	117.6	118.5	121.6	146.0
(1989=100)								
Jan	108.7	108.5	105.9	110.7	104.6	109.1	114.4	124.9
Feb	109.0	109.2	106.0	112.8	103.7	110.0	115.0	125.5
Mar	110.0	108.8	106.4	113.9	107.6	110.9	115.1	125.5
Apr	110.4	109.0	106.9	112.4	108.5	112.6	115.7	125.5
May	111.8	110.6	107.2	113.8	110.6	112.8	116.5	134.3
Jun	112.4	111.0	107.8	112.5	112.1	112.6	116.7	137.3
Jul	113.0	110.7	108.5	113.2	113.6	113.5	116.8	137.5
Aug	112.9	110.2	108.8	112.9	113.0	114.0	117.1	137.4
Sep	113.1	109.9	109.1	113.3	112.9	114.9	118.0	137.4
Oct	113.2	109.2	109.5	112.9	112.6	115.3	118.9	137.7
Nov	113.6	109.1	110.1	112.7	113.5	115.5	119.1	138.2
Dec	113.8	108.8	110.4	113.0	113.7	115.6	119.1	138.5
(1990=100)								
Jan	114.8	111.8	111.3	112.9	114.3	115.9	119.3	139.3
Feb	115.0	111.7	111.2	115.1	114.7	115.9	119.8	140.0
Mar	115.4	112.3	112.2	115.9	114.0	116.4	119.7	140.0
Apr	116.1	111.7	113.0	116.1	114.8	117.9	119.7	143.3
May	116.7	112.1	113.7	115.3	116.0	118.5	119.9	143.9
Jun	117.4	113.6	114.3	115.7	116.2	118.3	120.2	147.3
Jul	118.4	115.0	115.3	115.5	117.5	118.9	121.0	147.3
Aug	118.7	114.1	115.8	117.3	117.5	119.6	121.8	148.2
Sep	119.1	114.0	116.1	117.3	118.2	119.9	123.3	148.8
Oct	120.1	114.5	116.3	116.4	121.4	119.8	124.9	150.5
Nov	120.9	114.8	116.8	116.3	123.9	120.2	124.8	151.5
Dec	120.5	114.1	117.1	116.2	122.3	120.8	124.4	151.5

Source: Statistics Canada, Catalogue No. 62-001

(1) Beginning Jan-89, the 1982 Family Expenditure Survey weights were replaced by the 1986 survey weights.

\*\* MORE INFORMATION IS AVAILABLE THROUGH ASIST IN CANSIM MATRICES 1935 AND 1954 \*\*

#### 4.6 CONSUMER PRICE INDEX BY MAIN COMPONENTS, ANNUAL PERCENT CHANGE, EDMONTON

	All Items	Food	Housing	Clothing	Transportation	Health, Personal Care	Recreation, Education, Reading	Tobacco, Alcohol
	(Percent Change)							
1980/79	10.2	9.8	9.1	13.9	11.8	8.5	8.5	9.0
1985/84	3.1	4.2	1.1	1.9	4.6	3.0	3.9	7.8
1986/85	3.3	5.2	1.7	2.5	2.9	3.6	3.5	10.3
1987/86	4.2	4.3	1.8	3.8	4.6	4.1	5.6	15.1
1988/87	2.8	2.2	2.4	5.3	-1.1	3.4	6.5	7.3
1989/88	4.4	2.8	3.7	3.2	6.8	5.0	3.9	7.9
1990/89	5.4	3.4	5.8	2.7	6.4	4.9	4.0	9.5
1989/88	3.0	2.6	2.7	3.6	2.6	2.9	3.1	3.1
Jan	3.0	3.4	2.7	3.5	2.3	3.2	4.5	2.9
Feb	3.4	3.3	2.7	4.2	3.5	4.0	4.3	2.5
Mar	3.2	2.8	3.1	2.3	2.3	4.5	4.5	2.5
Apr	4.2	3.6	3.3	3.4	5.4	4.7	3.3	8.0
May	4.9	3.4	3.9	2.2	8.9	4.8	3.5	10.6
Jun	5.3	3.6	3.7	4.1	9.2	5.9	3.5	10.9
Jul	5.1	2.4	4.4	2.6	9.3	5.8	3.5	10.8
Aug	5.1	1.9	4.7	3.0	8.9	6.0	3.9	10.9
Sep	5.2	2.1	4.3	3.5	9.4	6.7	3.9	11.1
Oct	5.6	2.6	4.5	4.1	9.8	5.9	4.0	10.7
Nov	5.4	2.4	4.5	2.2	10.3	6.2	3.7	10.8
Dec								
1990/89	5.6	3.0	5.1	2.0	9.3	6.2	4.3	11.5
Jan	5.5	2.3	4.9	2.0	10.6	5.4	4.2	11.6
Feb	4.9	3.2	5.5	1.8	5.9	5.0	4.0	11.6
Mar	5.2	2.5	5.7	3.3	5.8	4.7	3.5	14.2
Apr	4.4	1.4	6.1	1.3	4.9	5.1	2.9	7.1
May	4.4	2.3	6.0	2.8	3.7	5.1	3.0	7.3
Jun	4.8	3.9	6.3	2.0	3.4	4.8	3.6	7.1
Jul	5.1	3.5	6.4	3.9	4.0	4.9	4.0	7.9
Aug	5.3	3.7	6.4	3.5	4.7	4.7	4.5	8.3
Sep	6.1	4.9	6.2	3.1	7.8	3.9	5.0	9.3
Oct	6.4	5.2	6.1	3.2	9.2	4.1	4.8	9.6
Nov	5.9	4.9	6.1	2.8	7.6	4.5	4.5	9.4
Dec								

Source: Statistics Canada, Catalogue No. 62-001

Note: Annual data are percent changes from the previous year.

Monthly data are percent changes from the same month in the previous year.

\*\* MORE INFORMATION IS AVAILABLE THROUGH ASIST IN CANSIM MATRICES 1935 AND 1954 \*\*

#### 4.7 CONSUMER PRICE INDEX BY MAIN COMPONENTS, CALGARY

	All Items	Food	Housing	Clothing	Transportation	Health, Personal Care	Recreation, Education, Reading	Tobacco, Alcohol
(1986=100)								
1980	69.1	71.8	70.9	81.7	62.8	65.0	70.9	51.7
1985	96.6	95.3	98.1	97.7	97.0	96.2	96.0	90.5
1986	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1987	103.8	104.2	101.3	103.9	104.2	104.2	105.2	114.8
1988	106.6	105.9	103.6	109.9	102.2	108.9	111.2	123.0
1989 (1)	110.7	105.5	107.9	113.9	107.5	113.0	115.3	134.3
1990	117.6	112.6	114.7	117.2	115.4	118.2	120.6	146.7
(1986=100)								
1989 (1)								
Jan	106.8	101.1	105.5	111.6	101.0	110.0	113.4	124.2
Feb	107.7	102.2	105.9	113.7	102.1	110.7	113.4	125.7
Mar	108.5	102.3	106.5	115.0	104.4	110.2	113.6	126.2
Apr	108.6	102.5	106.5	113.5	105.6	110.7	114.1	126.5
May	110.1	104.4	106.9	114.5	107.2	112.4	114.8	134.9
Jun	111.0	105.7	107.6	113.4	108.9	112.2	114.9	137.3
Jul	112.0	107.8	108.4	113.9	110.2	113.4	115.2	138.6
Aug	112.1	107.5	108.7	113.8	109.7	114.6	115.5	139.0
Sep	112.7	109.2	109.2	114.5	109.7	115.3	116.1	139.0
Oct	112.6	108.2	109.3	114.4	109.4	114.9	117.1	139.3
Nov	113.0	107.3	110.0	113.9	110.6	115.6	117.1	139.9
Dec	113.5	107.5	110.8	114.2	111.3	115.6	117.9	140.2
(1986=100)								
1990								
Jan	114.5	110.4	112.0	114.1	111.6	115.2	117.9	140.7
Feb	115.1	110.4	112.3	116.4	112.2	116.6	118.5	141.2
Mar	115.4	110.2	112.7	117.2	112.5	116.9	118.9	141.2
Apr	116.3	111.7	113.6	117.4	113.0	117.1	118.9	144.0
May	116.6	110.8	114.4	116.8	113.2	119.0	119.9	145.0
Jun	117.4	112.8	114.7	117.1	114.2	117.1	119.8	148.1
Jul	118.0	113.8	115.2	117.0	115.0	117.9	120.4	148.1
Aug	118.4	113.5	115.6	118.7	115.3	119.5	120.6	149.0
Sep	118.9	114.4	115.9	118.7	115.8	119.0	122.0	149.5
Oct	119.7	114.7	116.1	117.9	118.9	119.4	123.3	150.6
Nov	120.4	113.8	117.0	117.4	121.7	120.6	123.3	151.4
Dec	120.5	114.6	117.1	117.5	120.9	120.3	123.4	151.3

Source: Statistics Canada, Catalogue No. 62-001

(1) Beginning Jan-89, the 1982 Family Expenditure weights were replaced by the 1986 survey weights.

\*\* MORE INFORMATION IS AVAILABLE THROUGH ASIST IN CANSIM MATRICES 1936 AND 1955 \*\*

#### 4.8 CONSUMER PRICE INDEX BY MAIN COMPONENTS, ANNUAL PERCENT CHANGE, CALGARY

	All Items	Food	Housing	Clothing	Transportation	Health, Personal Care	Recreation, Education, Reading	Tobacco, Alcohol
(Percent Change)								
1980/81	10.4	9.8	10.3	11.6	12.9	6.4	8.6	10.5
1981/82	2.9	4.3	0.9	2.2	5.3	2.6	3.6	7.0
1982/83	3.5	4.9	1.9	2.4	3.1	4.0	4.2	10.5
1983/84	3.8	4.2	1.3	3.9	4.2	4.2	5.2	14.8
1984/85	2.7	1.6	2.3	5.8	-1.9	4.5	5.7	7.1
1985/86	3.8	-0.4	4.2	3.6	5.2	3.8	3.7	9.2
1986/87	6.2	6.7	6.3	2.9	7.3	4.6	4.6	9.2
1987/88	10.4	9.8	10.3	11.6	12.9	6.4	8.6	10.5
1988/89	2.9	4.3	0.9	2.2	5.3	2.6	3.6	7.0
1989/90	3.5	4.9	1.9	2.4	3.1	4.0	4.2	10.5
1990/91	3.8	4.2	1.3	3.9	4.2	4.2	5.2	14.8
1991/92	2.7	1.6	2.3	5.8	-1.9	4.5	5.7	7.1
1992/93	3.8	-0.4	4.2	3.6	5.2	3.8	3.7	9.2
1993/94	6.2	6.7	6.3	2.9	7.3	4.6	4.6	9.2
1994/95	1.1	-4.6	2.5	4.5	-1.4	3.0	4.1	3.1
Jan	2.3	-3.3	3.0	3.8	3.1	3.0	3.6	3.8
Feb	2.1	-3.3	2.8	4.7	1.7	2.4	3.4	4.0
Mar	1.8	-2.9	3.1	2.7	0.3	1.7	3.4	4.1
Apr	3.3	-1.2	3.8	3.6	3.3	3.4	3.2	9.1
May	4.1	-1.0	4.3	2.7	6.5	3.3	3.5	11.1
Jun	4.6	-0.7	4.5	4.5	7.1	3.1	3.8	12.0
Jul	4.8	-0.2	5.2	3.1	6.6	4.4	3.7	12.2
Aug	5.3	0.9	5.6	3.2	7.9	5.0	3.7	12.3
Sep	5.1	1.0	4.8	4.0	8.0	4.8	3.7	12.6
Oct	5.6	2.7	4.9	4.1	8.8	5.2	3.4	12.6
Nov	6.8	8.1	5.4	2.3	10.6	5.7	4.0	12.8
Dec								
1995/96	7.2	9.2	6.2	2.2	10.5	4.7	4.0	13.3
Jan	6.9	8.0	6.0	2.4	9.9	5.3	4.5	12.3
Feb	6.4	7.7	5.8	1.9	7.8	6.1	4.7	11.9
Mar	7.1	9.0	6.7	3.4	7.0	5.8	4.2	13.8
Apr	5.9	6.1	7.0	2.0	5.6	5.9	4.4	7.5
May	5.8	6.7	6.6	3.3	4.9	4.4	4.3	7.9
Jun	5.4	5.6	6.3	2.7	4.4	4.0	4.5	6.9
Jul	5.6	5.6	6.3	4.3	5.1	4.3	4.4	7.2
Aug	5.5	4.8	6.1	3.7	5.6	3.2	5.1	7.6
Sep	6.3	6.0	6.2	3.1	8.7	3.9	5.3	8.1
Oct	6.5	6.1	6.4	3.1	10.0	4.3	5.3	8.2
Nov	6.2	6.6	5.7	2.9	8.6	4.1	4.7	7.9
Dec								

Source: Statistics Canada, Catalogue No. 62-001

Note: Annual data are percent changes from the previous year.

Monthly data are percent changes from the same month in the previous year.

\*\* MORE INFORMATION IS AVAILABLE THROUGH ASIST IN CANSIM MATRICES 1936 AND 1955 \*\*

#### 4.9 NEW HOUSING PRICE INDEXES, CALGARY AND EDMONTON

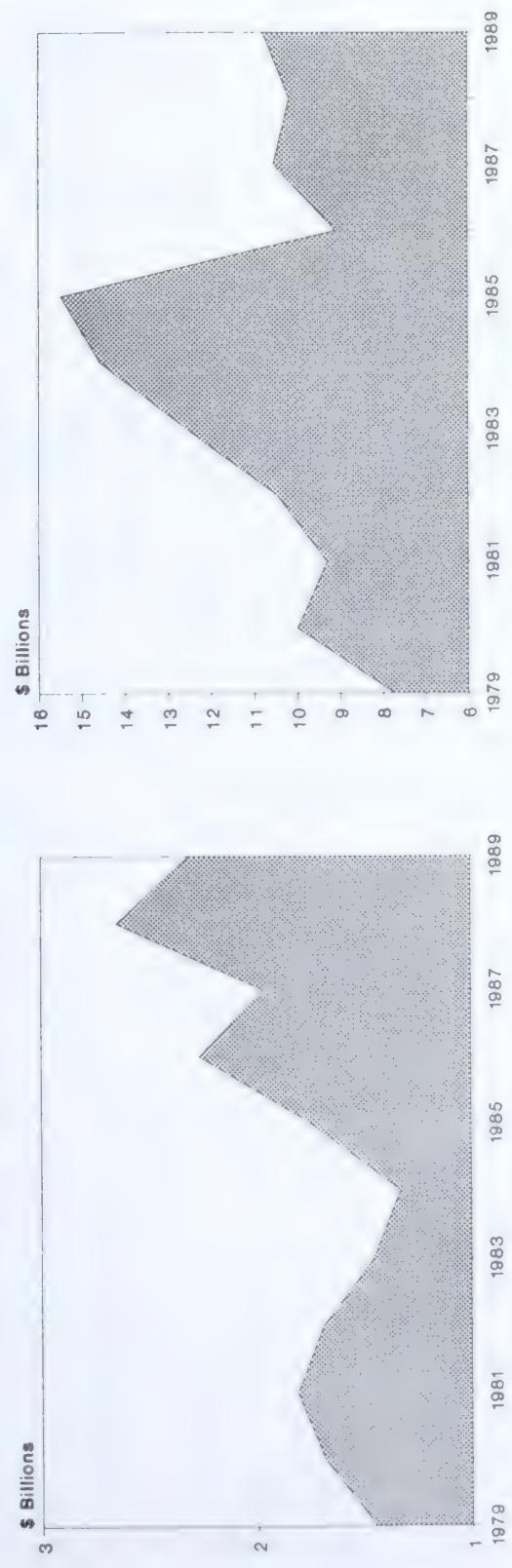
	Calgary			Edmonton		
	Total	House	Land	Total	House	Land
	(1986=100)			(1986=100)		
1985	92.3	91.9	92.9	93.2	92.1	96.1
1986	100.0	100.0	100.0	100.0	100.0	100.0
1987	103.9	103.9	103.3	104.2	103.9	105.3
1988	113.0	111.3	119.0	109.5	107.9	115.3
1989	121.1	117.3	134.0	118.6	113.6	135.2
1990	136.2	130.4	155.7	137.5	130.7	161.1
1989	114.9	112.9	121.9	113.3	109.5	126.3
Jan	116.7	113.8	126.9	115.0	111.1	127.8
Feb	117.7	114.8	128.1	115.4	111.4	128.6
Mar	117.9	115.0	128.1	115.8	111.6	130.0
Apr	118.4	115.4	128.8	117.6	112.2	135.3
May	119.6	116.2	131.8	118.1	112.6	135.9
Jun	119.6	116.2	131.8	118.5	113.0	136.4
Jul	121.6	117.3	136.3	119.5	113.7	138.3
Aug	123.6	118.8	139.8	120.1	114.4	138.6
Sep	125.5	120.1	142.9	121.6	116.1	139.7
Oct	127.7	122.2	145.3	123.0	117.5	141.4
Nov	130.4	125.4	146.6	125.8	120.2	144.4
Dec						
1990	132.0	127.5	146.6	128.2	123.0	145.8
Jan	133.8	129.4	148.5	133.5	127.1	156.7
Feb	137.3	133.0	151.3	137.5	131.4	158.8
Mar	138.6	133.5	155.6	137.9	131.6	159.7
Apr	137.9	132.3	156.5	138.2	131.6	161.3
May	137.9	132.1	157.0	138.2	131.6	161.3
Jun	136.8	130.2	157.5	138.3	131.7	161.3
Jul	137.1	130.4	160.2	139.0	131.7	163.9
Aug	136.4	130.1	158.7	139.4	131.7	165.6
Sep	136.4	130.1	158.7	139.7	132.2	165.3
Oct	136.7	130.4	158.9	139.9	132.2	166.1
Nov	133.2	125.8	158.9	140.1	132.2	166.9
Dec						

Source: Statistics Canada, Catalogue No. 62-007

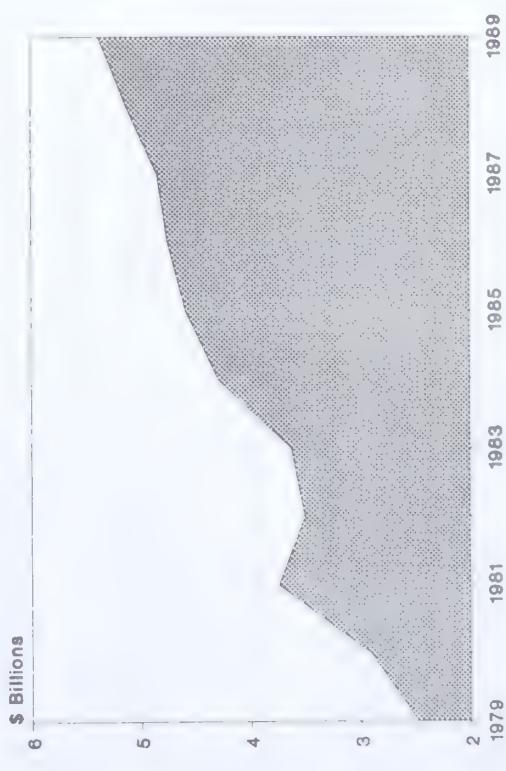
Note: It should be noted that the averages are not comparable between cities since they reflect different mixes of single, semi-detached and row housing.  
Comparable data not available prior to 1981.

\*\* MORE INFORMATION IS AVAILABLE THROUGH ASSIST IN CANSIM MATRIX 2032 \*\*

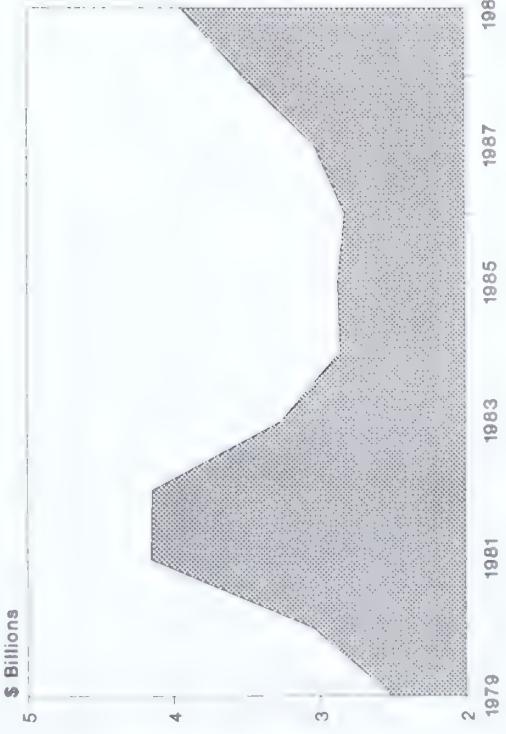
### Alberta GDP - Agriculture



### Alberta GDP - Manufacturing



### Alberta GDP - Construction



## 5.1 GROSS DOMESTIC PRODUCT AT MARKET PRICES, CANADA AND PROVINCES

	Canada	Nfld.	P.E.I.	N.S.	N.B.	Que.	Ont.	Man.	Sask.	Alta.	B.C.
(Millions of Dollars)											
1979	276,132	3,907	786	6,093	5,385	64,939	104,363	10,319	10,468	35,923	33,360
1984	443,654	5,947	1,297	10,701	8,375	100,991	171,499	16,520	16,390	59,325	51,119
1985	477,306	6,368	1,320	11,934	9,007	107,944	183,561	17,661	17,436	63,524	54,499
1986 (r)	504,124	6,782	1,498	13,031	10,079	117,493	202,710	18,421	17,145	56,553	57,342
1987 (r)	548,949	7,385	1,587	13,967	10,887	129,593	223,775	19,542	17,191	58,758	62,866
1988 (r)	603,571	7,912	1,781	14,898	11,764	142,417	251,325	21,541	18,120	62,544	69,291
1989 (r)	652,835	8,406	1,897	16,019	12,645	151,801	273,352	23,485	19,610	66,748	76,332

Sources: Alberta Bureau of Statistics, "Alberta Economic Accounts," for Alberta Statistics Canada, Catalogue No. 13-213 for Canada and provinces

\*\* MORE INFORMATION IS AVAILABLE THROUGH ASIST IN CANSIM MATRICES 2610-2619, 2621, 6949 AND ASIST MATRIX 6100 \*\*

## 5.2 GROSS DOMESTIC PRODUCT IN CONSTANT (1986) DOLLARS, ALBERTA

	1979	1984	1985	1986	1987	1988	1989
(Millions of Dollars)							
Personal Expenditure on Consumer Goods & Services	23,032	26,263	27,636	28,410	28,431	29,743	31,132
Government Current Expenditure on Goods & Services	7,766	9,822	10,024	9,942	9,681	9,665	9,855
Gross Fixed Capital Formation	16,280	12,802	13,764	12,668	13,188	15,362	15,068
Government	1,343	1,881	2,070	2,093	1,911	1,767	1,800
Business	15,013	10,926	11,698	10,575	11,277	13,595	13,268
Residential Construction	3,991	1,572	1,666	1,664	1,941	2,169	2,503
Non-Residential Construction	6,548	5,952	6,697	5,713	5,657	6,523	5,750
Machinery and Equipment	4,395	3,402	3,351	3,198	3,679	4,903	5,015
Adjusting Entry	79	-	-16	-	-	-	-
Adjusting Entry	-76	-5	-4	-	-	-	-
Adjusting Entry	1,048	128	202	-	-	-	-
Final Domestic Demand	48,126	49,015	51,626	51,020	51,300	54,770	56,055
Inventories	876	-224	23	752	-324	-279	281
Non-Farm	911	126	133	220	-171	-112	240
Farm	-19	-337	-30	453	-154	-116	31
% of Grain in Commercial Channels	-16	-13	-80	79	-1	-51	10
Exports Out of Alberta	20,772	22,773	23,240	22,175	24,028	26,612	26,139
Imports Into Alberta	-17,884	-18,380	-19,655	-18,143	-19,081	-20,638	-21,452
Residual	-1,056	778	1,069	749	1,625	1,885	2,120
Adjusting Entry	-1,489	-30	-137	-	-	-	-
Gross Domestic Product at Market Prices	49,345	53,932	56,166	56,553	57,548	62,350	63,143

Source: Alberta Bureau of Statistics, "Alberta Economic Accounts"

\*\* MORE INFORMATION IS AVAILABLE IN ASIST MATRIX 6102 \*\*

### 5.3 GROSS DOMESTIC PRODUCT AT FACTOR COST (1) BY INDUSTRY, ALBERTA

	1979	1984	1985(r)	1986(r)	1987(r)	1988(r)	1989(r)
(Millions of Dollars)							
Agriculture (2)	1,448	1,335	1,747	2,267	1,970	2,651	2,314
Forestry (3)	75	131	143	149	163	187	211
Mining	7,743	14,586	15,490	9,115	10,540	10,174	10,784
Manufacturing	2,475	4,299	4,591	4,751	4,847	5,130	5,380
Construction	2,511	2,852	2,869	2,821	3,029	3,520	3,947
Transportation (4)	2,245	3,545	3,734	3,879	4,104	4,273	4,532
Utilities	783	1,766	1,942	1,972	2,069	2,301	2,476
Trade (5)	2,648	4,786	5,188	5,380	5,632	6,189	6,764
Finance (6)	6,944	13,397	14,150	11,681	11,138	11,441	12,390
Finance - Excluding Natural Resource Royalties	3,733	8,341	9,237	9,094	9,122	9,368	10,281
Services (7)	4,969	9,546	10,264	10,641	11,100	11,951	13,093
Public Administration (8)	1,564	2,941	3,046	3,217	3,257	3,363	3,576
Gross Domestic Product at Factor Cost	33,406	59,182	63,165	55,871	57,849	61,182	65,467

Source: Alberta Bureau of Statistics, "Alberta Economic Accounts"

(1) GDP at Market Price is obtained by adding Indirect Taxes less Subsidies, plus Residual.

(2) Includes Fishing and Trapping.

(3) Includes only Logging and Services Incidental to Forestry, excludes sawmills, pulp and paper mills, etc. which are included in Manufacturing.

(4) Includes Storage and Communications.

(5) Includes Retail and Wholesale Trade.

(6) Includes Insurance and Real Estate, also includes Natural Resource Royalties.

(7) Includes Community, Business and Personal Services.

(8) Includes Federal, Provincial and Local Government Administration; does not include public schools and public hospitals which are included in Services.



## Alberta Private and Public Investment Distribution By Industry



1985

1990

## 6.1 PRIVATE AND PUBLIC INVESTMENT, CANADA AND PROVINCES

	Canada	Nfld.	P.E.I.	N.S.	N.B.	Que.	Ont.	Man.	Sask.	Alta.	B.C.	Yuk. & N.W.T.
(Millions of Dollars)												
Capital Expenditures												
1980	66,193	1,087	207	1,446	1,469	12,819	19,106	2,024	3,325	14,210	9,519	982
1985	90,504	1,956	272	2,756	1,967	19,240	31,864	3,200	4,093	13,589	10,189	1,378
1986	97,086	2,026	324	2,851	1,939	21,030	38,396	3,584	3,773	12,498	9,576	1,088
1987	109,162	1,844	334	2,727	2,152	24,941	44,966	3,516	4,311	12,754	10,781	836
1988	122,935	1,923	393	3,131	2,497	27,154	50,398	3,782	4,593	15,155	12,710	899
1989(p)	134,347	2,066	405	3,394	2,888	29,556	55,371	4,121	4,339	15,284	15,730	1,195
1990(i)	142,930	2,106	442	3,878	3,064	32,099	55,177	4,555	5,210	17,371	18,067	963
Repair Expenditures												
50	19,718	425	69	521	485	4,281	6,541	822	986	2,794	2,663	131
1985	26,433	504	97	736	693	5,736	8,906	1,108	1,410	3,620	3,370	253
1986	27,925	549	106	829	701	5,944	9,604	1,129	1,361	3,652	3,779	272
1987	31,023	603	101	980	751	6,583	10,444	1,314	1,438	4,027	4,504	278
1988	34,133	662	119	1,045	810	7,218	11,799	1,453	1,591	4,233	4,936	268
1989(p)	35,573	670	116	1,097	871	7,542	12,447	1,485	1,675	4,373	5,031	266
1990(i)	37,153	682	119	1,142	926	7,930	13,020	1,528	1,719	4,594	5,229	265
Total Expenditures												
1980	85,911	1,512	276	1,966	1,954	17,100	25,647	2,846	4,311	17,004	12,182	1,113
1985	116,937	2,459	369	3,492	2,660	24,976	40,770	4,307	5,503	17,209	13,560	1,631
1986	125,011	2,576	430	3,680	2,640	26,973	48,000	4,714	5,135	16,150	13,355	1,360
1987	140,185	2,447	435	3,707	2,903	31,524	55,410	4,830	5,749	16,781	15,284	1,114
1988	157,068	2,584	513	4,176	3,307	34,672	62,197	5,235	6,184	19,388	17,646	1,167
1989(p)	169,920	2,736	522	4,491	3,759	37,098	67,817	5,606	6,013	19,657	20,761	1,461
1990(i)	180,084	2,788	562	5,019	3,990	40,029	68,197	6,083	6,929	21,965	23,296	1,227

Source: Statistics Canada, Catalogue No. s 61-205 and 61-206

\*\* MORE INFORMATION IS AVAILABLE THROUGH ASIST IN CANSIM MATRICES 1066 AND 1244 \*\*

## 6.2 PRIVATE AND PUBLIC INVESTMENT BY INDUSTRY, ALBERTA

	1980	1985	1986	1987	1988	1989(p)	Total	Capital	Repair	1990(i)
(Millions of Dollars)										
Total	17,004	17,209	16,150	16,781	19,388	19,657	21,965	17,371		4,594
Primary Industries & Construction	7,154	7,804	6,030	5,972	7,306	6,415	7,061	5,319		1,742
Manufacturing	979	862	1,000	1,043	1,561	2,081	2,345	1,869		477
Food and Beverages	98	96	91	106	111	129	132	85		47
Wood	47	38	118	87	112	71	91	60		31
Metal Fabricating	29	20	14	8	16	12	12	7		5
Non-Metallic Mineral Products	140	48	51	48	68	55	53	19		34
Other Manufacturing	665	661	726	793	1,255	1,815	2,058	1,698		360
Transportation, Communication and Other Utilities	2,286	2,432	2,369	2,572	3,049	3,345	3,905	2,916		989
Transportation	930	1,128	1,017	1,069	1,368	1,452	1,865	1,287		578
Communication	626	517	539	692	770	832	859	616		243
Other Utilities	730	787	813	811	911	1,060	1,181	1,013		168
Trade, Finance & Commercial Services	2,262	1,921	2,261	2,616	2,722	2,499	2,578	2,213		365
Trade	311	374	365	423	494	457	436	326		110
Finance	1,169	765	820	1,045	1,066	883	916	791		125
Commercial Services	782	781	1,075	1,149	1,163	1,159	1,227	1,096		130
Institutions & Government Departments	1,843	2,574	2,730	2,618	2,490	2,684	2,894	2,318		576
Institutions	550	668	751	744	691	695	813	636		178
Government Departments	1,293	1,906	1,979	1,875	1,799	1,988	2,081	1,683		398
Housing	2,479	1,616	1,760	1,960	2,260	2,633	3,182	2,736		446

Source: Statistics Canada, Catalogue No.'s 61-205 and 61-206

\* \* MORE INFORMATION IS AVAILABLE THROUGH ASSIST IN CANSIM MATRICES 1077 AND 1255 \*\*



**ALBERTA DOMESTIC EXPORTS**  
Cumulative January to September 1990



7.....INTERNATIONAL TRADE

## 7.1 INTERNATIONAL TRADE BY COMMODITY CLASSIFICATION, ALBERTA

	1988	1989	Total	Jan-Mar	Apr-Jun	Jul-Sep	Oct-Dec	1990(p)
(Millions of Dollars)								
Domestic Exports Originating in Alberta (1)								
Live Animals	282	206		75	103			68
Food, Feed, Beverages & Tobacco	1,530	1,293		462	589			313
Crude Materials*	7,517	7,679		1,972	2,002			2,205
Fabricated Materials*	3,198	3,017		745	711			711
End Products*	498	603		162	189			193
Special Transactions, Trade	31	44		28	29			34
Total Domestic Exports	13,056	12,842		3,445	3,624			3,524
Imports Clearing Customs in Alberta								
Live Animals	10	11		4	3			2
Food, Feed, Beverages & Tobacco	245	281		84	88			80
Crude Materials*	44	41		12	10			12
Fabricated Materials*	647	717		214	235			215
End Products*	2,863	2,487		678	716			602
Special Transactions, Trade	180	203		49	57			68
Total Imports	3,989	3,740		1,041	1,108			980

Source: Statistics Canada, Catalogue No. 65-001

\* Inedible

(1) Due to changes in methodology, the 1990 export data are not directly comparable to previous years. Refer to Appendix 1 for further information.

\*\* MORE INFORMATION IS AVAILABLE IN ASIST MATRIX 6280 \*\*

## 7.2 ALBERTA EXPORTS BY SELECTED COMMODITIES

	Value (Thousands of Dollars)		Percent of Total	
	1988	1989	1988	1989
<b>Exports by Selected Commodity:</b>				
Crude Petroleum	3,124,359	3,426,433	23.9	26.6
Natural Gas	2,770,637	2,765,956	21.2	21.5
Organic Chemicals	892,983	886,812	6.8	6.9
Wheat (Durum, Meslin)	1,069,024	572,997	8.2	4.5
Sulphur (Crude, Refined)	776,242	542,174	6.0	4.2
Coal (Bituminous, Sub-bituminous)	428,724	486,320	3.3	3.8
Pulp of Wood	385,469	434,472	3.0	3.4
Polyethylene Resins	543,976	378,009	4.2	2.9
Barley	143,802	291,105	1.1	2.3
Wood (including lumber, plywood, veneer)	229,060	286,396	1.8	2.2
Canola Seed	242,676	253,774	1.9	2.0
Electrical Machinery and Equipment/Parts	113,015	212,460	0.9	1.7
Propane Gas, Liquefied	206,578	196,912	1.6	1.5
Fertilizers	195,586	187,559	1.5	1.5
Boilers, Machinery, Mechanical Appliances and Parts	172,484	186,626	1.3	1.5
Butane Gas, Liquefied	208,939	173,745	1.6	1.4
Cattle	222,273	146,629	1.7	1.1
Inorganic Chemicals, Precious Metals, Radioactive Elements	94,314	92,252	0.7	0.7
Beef/Veal (fresh, chilled, frozen)	50,505	91,079	0.4	0.7
Transportation Vehicles and Associated Equipment	61,178	74,346	0.5	0.5
Man-Made Staple Fibres	51,500	66,261	0.4	0.5
Rawhides and Skins, Leather Goods, Furskins	40,398	47,521	0.3	0.4
Animal or Vegetable Fats and Oils	67,420	43,950	0.5	0.3
Articles of Iron or Steel	51,138	37,337	0.4	0.3
Pork (fresh, chilled, frozen)	45,358	32,712	0.4	0.3
Sub-Total	12,187,638	11,913,837	93.3	92.6
Other Commodities	868,426	946,847	6.7	7.4
Total Exports	13,056,064	12,860,684	100.0	100.0

Source: Statistics Canada, External Trade Division

Note: Commodity data presented in this table are based on the Harmonized Commodity Description and Coding System (Harmonized System or H.S.), an international commodity classification. Canada adopted this system in 1988 to replace the Customs Tariff Schedule, as well as the Canadian International Trade Classification (CITC) and the Export Commodity Classification (XCC). The Harmonized System is based on a fundamental principle – that goods are classified by what they are and not according to their stage of fabrication use, made in Canada status or any other such criteria.

Refer to Statistics Canada Catalogue No. 12-578E, "Canadian Export Classification" for more information.

### 7.3 ALBERTA EXPORTS BY SELECTED COUNTRIES

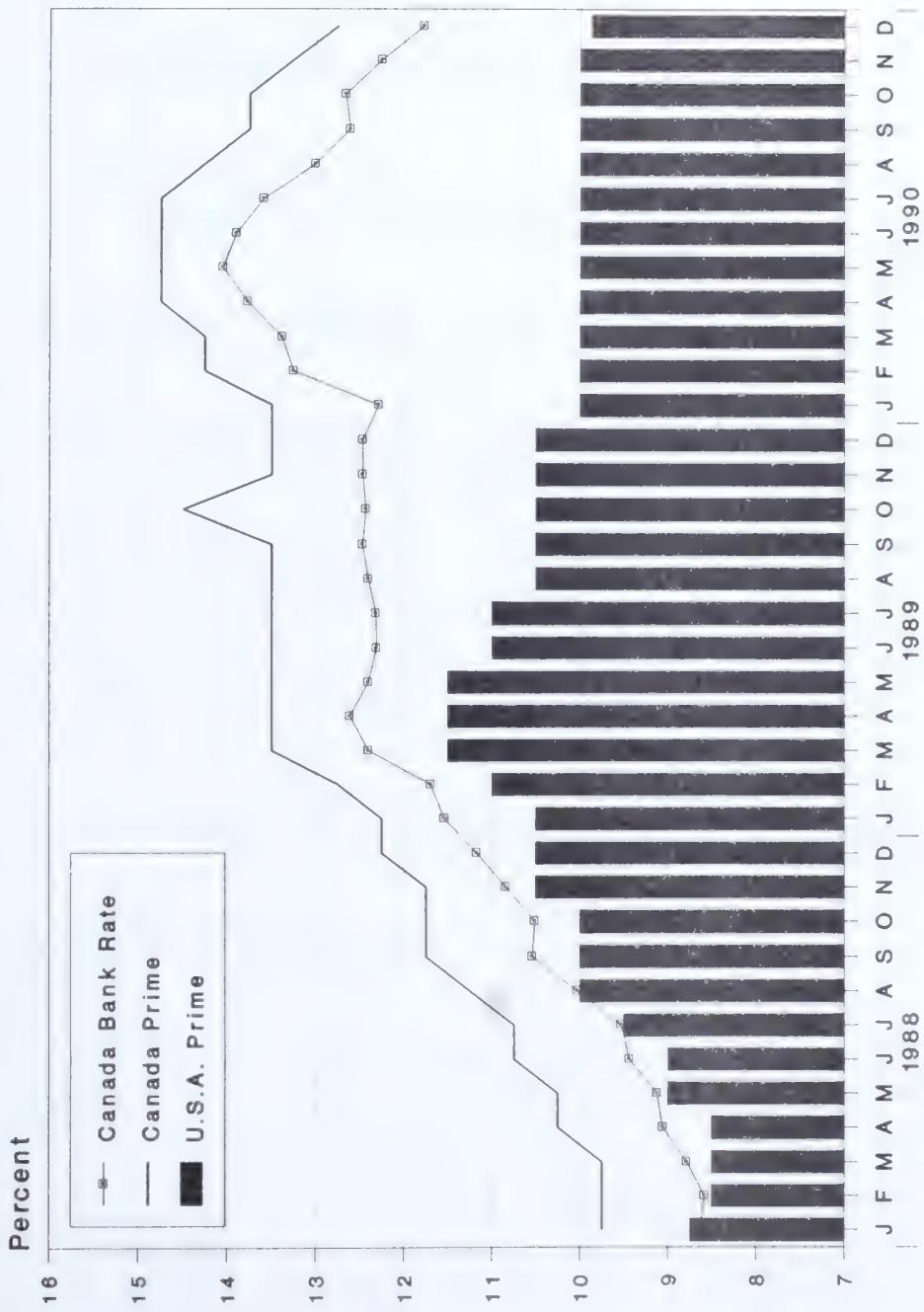
	Value (Thousands of Dollars)		Percent of Total	
	1988	1989	1988	1989
United States	9,086,745	9,498,668	69.6	73.9
Japan	947,873	1,083,605	7.3	8.5
South Korea	295,010	331,513	2.3	2.6
Peoples Republic of China	642,409	220,112	4.9	1.7
USSR	266,374	170,133	2.0	1.3
Taiwan	174,072	127,157	1.3	1.0
Saudi Arabia	44,169	115,485	0.3	0.9
Australia	99,142	101,398	0.8	0.8
Brazil	92,270	95,542	0.7	0.7
Indonesia	57,260	71,819	0.4	0.6
Mexico	78,381	71,557	0.6	0.6
Iraq	49,108	69,724	0.4	0.5
Netherlands	98,415	66,142	0.8	0.5
Iran	33,350	60,219	0.3	0.5
United Kingdom	62,742	56,492	0.5	0.4
India	53,126	53,833	0.4	0.4
Belgium	37,021	46,653	0.3	0.4
Sub-Total	12,227,467	12,240,042	92.8	95.2
Other Countries	938,597	620,632	7.2	4.8
Total Exports	13,056,064	12,860,684	100.0	100.0

Source: Statistics Canada, External Trade Division

Note: Data presented in this table are based on the Harmonized Commodity Description and Coding System (Harmonized System or H.S.), an international commodity classification. Canada adopted this system in 1988 to replace the Customs Tariff Schedule, as well as the Canadian International Trade Classification (CITC) and the Export Commodity Classification (XCC). The Harmonized System is based on a fundamental principle – that goods are classified by what they are and not according to their stage of fabrication use, made in Canada status or any other such criteria.

Refer to Statistics Canada Catalogue No. 12-578E, "Canadian Export Classification" for more information.

Canada and U.S.A. Interest Rates



## 8.1 CHARTERED BANKS IN ALBERTA BY ASSETS AND LIABILITIES

	1987	1988	1989			1990			
			Jan-Mar	Apr-Jun	Jul-Sep	Oct-Dec	Jan-Mar	Apr-Jun	Jul-Sep
(Millions of Dollars)									
Assets									
Deposits in Bank of Canada & Other Banks	634	620	477	521	470	590	481	532	
Total Securities	2,651	2,799	2,674	2,915	2,814	3,005	2,821	2,900	
Short-Term Loans	—	2	—	1	—	5	3	10	
Loans to Provinces & Municipalities	19	46	66	115	71	50	76	111	
Personal Loans	4,733	5,027	5,049	5,118	5,308	5,409	5,517	5,588	
Business Loans	10,270	7,888	7,447	7,459	7,256	7,433	7,067	7,222	
Agricultural Loans	2,259	2,219	2,282	2,238	2,202	2,265	2,258	2,280	
Other Loans	882	810	788	714	795	769	500	487	
Mortgages	6,410	6,980	7,094	7,192	7,552	7,724	7,978	8,428	
Items in Transit (Net)	63	—44	—75	—46	—75	47	—36	37	
Foreign Currency Loans & Securities	5,264	4,405	4,197	4,433	5,124	4,507	4,285	4,236	
All Other Assets	4,107	6,699	6,973	6,796	6,094	5,981	6,842	6,843	
Total Assets	37,291	37,451	36,974	37,456	37,611	37,786	37,792	38,674	
Liabilities									
Total Canadian Dollar Deposits	19,674	21,671	21,955	23,092	23,571	24,805	25,015	25,749	
Personal Savings Deposits	12,723	14,749	15,551	16,049	16,617	17,343	18,164	18,593	
Chequable	2,464	2,458	2,434	2,397	2,453	2,502	2,485	2,486	
Non-Chequable	5,008	5,982	6,162	6,412	6,799	7,247	7,475	7,609	
Fixed Term	5,252	6,309	6,955	7,240	7,365	7,593	8,205	8,498	
Non-Personal Term & Notice Deposits	4,625	4,704	4,388	4,829	4,893	5,275	4,732	5,079	
Gross Demand Deposits	2,191	2,113	1,992	2,122	2,028	2,068	2,011	2,027	
Government of Canada Deposits	135	106	24	92	33	118	108	50	
Foreign Currency Deposit Liabilities	912	796	1,032	879	804	757	737	834	
Acceptances	2,856	5,193	5,546	5,321	4,581	4,406	5,299	5,334	
Debentures Issued & Outstanding	208	268	269	256	295	295	302	311	
Appropriations for Contingencies &									
Shareholders' Equities	1,367	1,590	1,659	1,715	1,837	1,799	1,875	1,934	
All Other Liabilities	1,236	1,470	1,548	1,572	1,652	1,712	1,805	1,742	
Total Liabilities	26,254	30,988	32,008	32,835	32,741	33,774	35,033	35,904	

## 8.2 SELECTED INTEREST RATES, CANADA

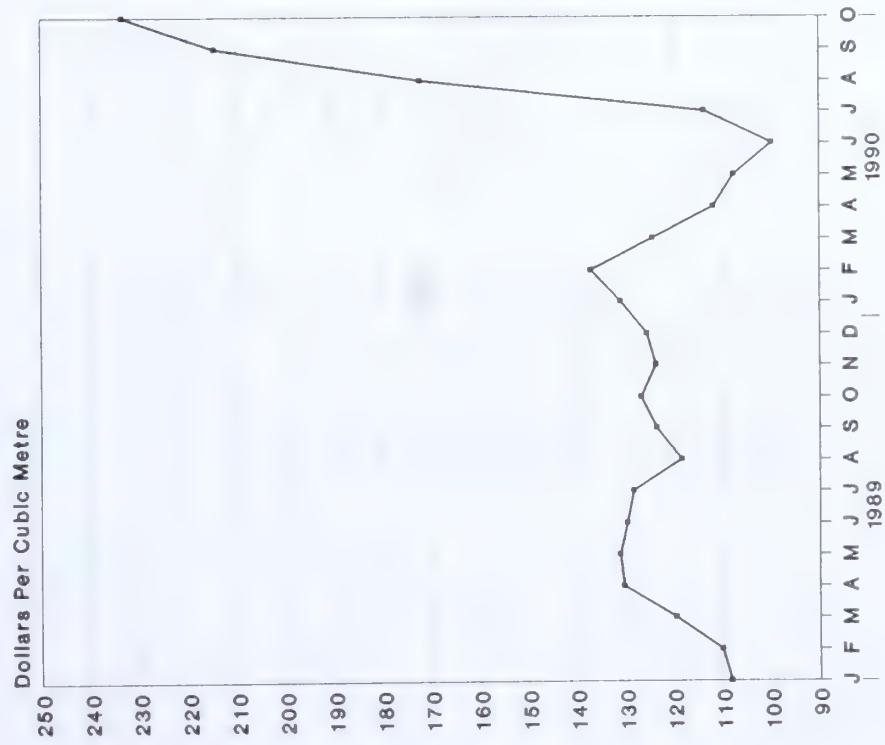
	Bank Rate	Prime Rate	Typical Mortgage Rate			Treasury Bills		Average Bond Yield Over 10 Yrs.
			1 Year	5 Year	3 Month	6 Month		
(Percent)								
1980	12.89	14.25	13.98	14.52	12.79	12.78	12.48	
1985	9.65	10.58	10.31	12.13	9.43	9.76	11.04	
1986	9.21	10.52	10.15	11.21	8.97	9.14	9.52	
1987	8.40	9.52	9.85	11.17	8.15	8.63	9.95	
1988	9.69	10.83	10.83	11.65	9.48	9.79	10.22	
1989	12.29	13.33	12.85	12.06	12.05	12.03	9.92	
	13.05	14.06	13.40	13.35	12.81	12.76	10.85	
1989	11.54	12.25	12.25	12.25	11.18	11.47	10.18	
	11.70	12.75	12.75	12.25	11.61	12.04	10.55	
Jan	12.40	13.50	13.50	12.75	12.14	12.58	10.49	
Feb	12.61	13.50	13.50	12.75	12.37	12.31	10.19	
Mar	12.40	13.50	13.00	12.00	12.17	12.17	9.85	
Apr	12.31	13.50	12.75	12.00	12.08	11.82	9.60	
May	12.32	13.50	12.75	11.75	12.11	11.89	9.62	
Jun	12.40	13.50	12.75	11.75	12.16	12.06	9.62	
Jul	12.47	13.50	12.75	11.75	12.23	12.23	9.91	
Aug	12.43	13.50	12.75	11.75	12.17	11.96	9.54	
Sep	12.47	13.50	12.75	11.75	12.21	12.14	9.80	
Oct	12.47	13.50	12.75	11.75	12.22	12.04	9.69	
Nov	12.47	13.50	12.75	12.00	12.22	12.04		
Dec	12.47	13.50	12.75	12.00	12.22	12.04		
1990	12.29	13.50	12.25	12.00	12.34	12.17	10.04	
	13.25	14.25	13.00	12.75	13.16	13.16	10.64	
Jan	13.38	14.25	13.00	13.25	13.26	13.59	10.91	
Feb	13.77	14.75	14.25	14.25	13.55	13.76	11.54	
Mar	14.05	14.75	14.25	14.25	13.67	13.56	10.86	
Apr	13.90	14.75	14.25	14.25	13.58	13.52	10.72	
May	13.59	14.75	14.25	14.25	13.23	13.03	10.78	
Jun	13.01	14.25	13.75	13.50	12.67	12.47	10.83	
Jul	12.61	13.75	13.25	13.25	12.40	12.40	11.54	
Aug	12.66	13.75	13.25	13.25	12.36	12.19	11.15	
Sep	12.25	13.25	12.75	12.75	12.01	11.83	10.70	
Oct	11.78	12.75	12.50	12.50	11.47	11.40	10.51	

Source: Bank of Canada Review

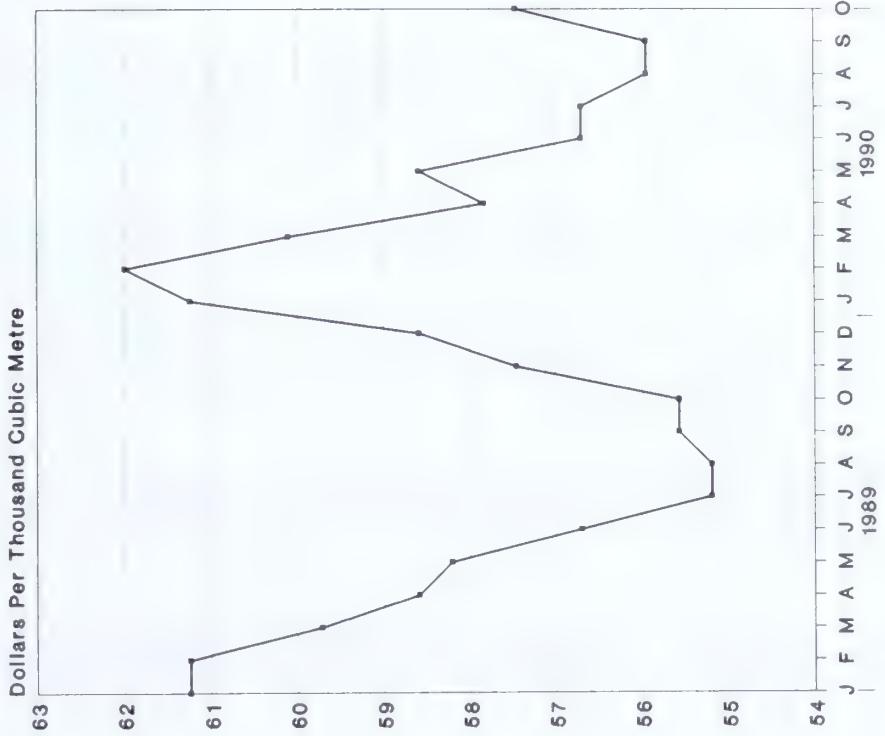
\*\* MORE INFORMATION IS AVAILABLE THROUGH ASIST IN CANSIM MATRIX 2560 \*\*



### Crude Oil Prices



### Natural Gas Prices



9.....ENERGY

## 9.1 ENERGY RESOURCES PRODUCTION SUMMARY, ALBERTA

	(1) Natural Gas	Oil (2)		(2) Crude Oil(3)	(2) Ethane	(2) Propane	(2) Butanes	Natural Gas Liquids	(4) Electric Energy	Coal	Sulphur
	Total*	Crude Oil									
(MM Cubic Metres)											
1979	93,426	81,032		69,097	3,587	5,852	3,677	3,781	20,255	17,346	6,159
1984	92,889	75,034	61,829	5,633	5,841	3,422	4,023	28,462	26,199	5,371	
1985	99,131	75,566	60,024	5,468	5,770	3,520	4,844	30,542	27,666	5,446	
1986	96,147	75,040	58,492	5,147	5,384	3,365	6,768	31,723	27,660	5,338	
1987	102,340	78,521	61,902	6,453	5,905	3,702	7,551	33,689	28,798	5,418	
1988	115,625	83,243	65,198	6,513	6,217	3,889	9,690	36,942	33,411	5,606	
1989	116,541	80,582	62,079	6,526	6,602	3,789	9,521	39,987	35,009	5,249	
(M Cubic Metres)											
1989 (r)											
Jan	10,616	6,973	5,435	676	611	324	814	3,395	2,637	482	
Feb	9,565	6,298	4,845	615	543	262	764	3,340	2,941	422	
Mar	10,489	6,768	5,404	659	577	366	828	3,419	3,184	471	
Apr	9,692	6,680	5,128	613	533	303	847	3,166	2,933	444	
May	9,206	7,004	5,244	540	527	325	810	3,065	3,000	420	
Jun	8,630	6,723	5,095	496	493	285	750	3,006	2,675	401	
Jul	9,064	6,681	5,296	468	540	324	806	3,332	2,646	417	
Aug	9,176	6,720	5,275	462	518	332	823	3,430	2,661	423	
Sep	9,039	6,565	4,963	436	510	310	773	3,247	2,807	378	
Oct	9,773	6,687	5,098	398	542	323	716	3,503	3,399	444	
Nov	9,905	6,850	5,096	555	569	345	761	3,487	3,068	474	
Dec	11,088	6,634	5,200	609	639	320	829	3,598	3,057	474	
(GW.H)											
1990 (p)											
Jan	10,751	6,336	5,195	621	598	329	807	3,680	2,994	448	
Feb	9,463	5,787	4,656	548	525	328	758	3,197	2,830	396	
Mar	9,773	6,888	5,225	646	587	349	869	3,296	3,127	463	
Apr	9,434	6,463	4,782	573	547	332	817	3,055	2,979	455	
May	9,925	6,302	4,765	570	527	309	782	3,099	2,806	410	
Jun	8,653	6,192	4,815	514	544	277	758	3,110	2,623	339	
Jul	9,101	6,773	5,112	574	600	264	763	3,196	2,356	434	
Aug	9,018	6,836	5,200	557	574	312	697	3,200	2,885	457	
Sep	8,767	6,491	4,981	506	481	260	716	3,115	2,941	425	
Oct											
Nov	10,101	7,063	5,249	650	592	336	887	3,471	3,228	475	
Dec											

Source: Alberta Energy Resources Conservation Board

(1) Raw gas production

(2) Net production

(3) Includes crude bitumen

(4) Net generation (includes industrial on-site generation)

\* Includes synthetic crude oil condensate and pentanes plus

Note: Some figures may not add due to revisions and to the rounding process.

\*\* MORE INFORMATION IS AVAILABLE IN ASIST MATRICES 6227-6234. \*\*

## 9.2 DRILLING ACTIVITY, ALBERTA

	No. of Wells Drilled			Metres Drilled			Rig Activity (1)		
	Development	Exploration	Total*	Development	Exploration	Total*	Drilling		Available
							(M Metres)	(M Metres)	
1979	3,686	2,094	5,954	3,840	3,073	6,995	..	..	..
1984	3,734	1,951	6,167	4,830	2,408	7,455	189	385	413
1985	5,379	2,244	8,476	6,218	2,868	9,334	241	413	457
1986	2,690	1,561	4,509	3,763	2,000	5,847	159	457	461
1987	3,067	1,865	5,182	4,170	2,469	6,736	168	455	415
1988	4,022	2,260	6,617	4,980	2,806	7,887	189	456	371
1989	1,869	2,000	4,142	2,605	2,320	4,975	125	456	371
1989	130	161	302	170	183	355	131	446	435
	194	244	440	222	301	524	197	427	427
	291	237	546	381	283	669	200	427	427
	114	73	193	159	101	260	76	430	423
	131	70	203	144	81	225	60	423	403
	165	150	316	211	155	368	102	403	403
	116	143	259	170	164	335	93	403	403
	91	91	235	164	157	321	93	404	404
	104	139	243	170	148	317	104	401	401
	173	188	368	247	220	470	151	398	398
	139	154	299	217	180	399	138	404	404
	148	221	377	224	255	486	157	403	403
1990 (p)	138	193	352	191	201	402	171	388	378
	140	210	356	175	240	418	199	378	377
	145	265	417	225	312	540	181	377	377
	47	66	113	99	81	180	58	384	384
	83	105	190	125	96	222	63	379	379
	139	175	316	211	168	380	102	376	376
	174	157	332	231	170	402	116	381	381
	141	148	289	216	160	376	108	369	369
	156	154	312	224	154	381	107	366	366
	262	160	423	292	163	456	132	371	371

Sources: Alberta Energy Resources Conservation Board  
 (1) Canadian Association of Oilwell Drilling Contractors

\* Includes Other

Note: Some figures may not add due to revisions and to the rounding process.

\*\* MORE INFORMATION IS AVAILABLE IN ASIST MATRIX 62235 \*\*

### 9.3 DISPOSITION OF NATURAL GAS, ALBERTA (MM CUBIC METRES)

	(1) Deliveries	\$ Per Thousand Cubic Metre*	Alberta	Deliveries to:			% of Total	United States	% of Total
				% of Total	Other Provinces	% of Total			
1979	63,382	63.85	13,185	20.8	25,554	40.3	22,996	36.3	
1980	62,561	107.05	15,086	24.1	27,112	43.3	19,058	30.5	
1981	68,128	101.19	15,881	23.3	27,284	40.0	23,155	34.0	
1982	62,580	78.72	15,109	24.1	27,453	43.9	18,236	29.1	
1983	67,173	63.19	14,541	21.6	25,795	38.4	24,979	37.2	
1984	77,933	58.78	16,679	21.4	26,620	34.2	32,694	42.0	
1985	80,087	57.95	17,701	22.1	26,958	33.7	33,367	41.7	
1986									
1987									
1988									
1989 (r)									
Jan	7,545	61.24	1,903	25.2	2,653	35.2	2,783	36.9	
Feb	7,125	61.24	1,900	26.7	2,450	34.4	2,591	36.4	
Mar	7,484	59.72	1,958	26.2	2,587	34.6	2,736	36.6	
Apr	6,542	58.59	1,471	22.5	2,225	34.0	2,678	40.9	
May	6,189	58.21	1,281	20.7	2,131	34.4	2,617	42.3	
Jun	5,615	56.70	1,084	19.3	1,836	32.7	2,572	45.8	
Jul	5,769	55.19	1,105	19.2	1,994	34.6	2,560	44.4	
Aug	5,947	55.19	1,155	19.4	1,959	32.9	2,693	45.3	
Sep	6,227	55.57	1,123	18.0	2,190	35.2	2,736	43.9	
Oct	6,695	55.57	1,310	19.6	2,151	32.1	3,050	45.6	
Nov	7,038	57.46	1,591	22.6	2,343	33.3	2,901	41.2	
Dec	7,911	58.59	1,820	23.0	2,441	30.9	3,452	43.6	
1990 (r)									
Jan	7,828	61.24	1,820	23.2	2,482	31.7	3,315	42.3	
Feb	6,748	61.99	1,631	24.2	2,235	33.1	2,738	40.6	
Mar	6,807	60.10	1,584	23.3	2,365	34.7	2,615	38.4	
Apr	6,368	57.83	1,373	21.6	2,217	34.8	2,618	41.1	
May	6,502	58.59	1,139	17.5	2,237	34.4	2,945	45.3	
Jun	5,737	56.70	969	16.9	1,867	32.5	2,746	47.9	
Jul	6,074	56.70	998	16.4	2,165	35.6	2,732	45.0	
Aug	6,012	55.94	1,060	17.6	2,012	33.5	2,782	46.3	
Sep	5,929	55.94	1,079	18.2	1,778	30.0	2,904	49.0	
Oct	6,988	57.46	1,455	20.8	1,953	27.9	3,368	48.2	
Nov									
Dec									

Source: Alberta Energy Resources Conservation Board

(1) Total deliveries include amounts used as fuel, losses and metering differences in interprovincial pipelines.

Note: Some figures may not add due to revisions and to the rounding process.

\* Prices are intended to be averages which reflect general trends within the industry only.

\*\* MORE INFORMATION IS AVAILABLE IN ASIST MATRIX 6227 \*\*

#### 9.4 DISPOSITION OF CRUDE OIL AND EQUIVALENT (1), ALBERTA (M CUBIC METRES)

	(2) Total Deliveries	\$ Per Cubic Metre*	Alberta	Deliveries to:				% of Total	
				% of Total	Other Provinces	% of Total	United States		
1979	81,216	86.18	16,076	19.8	51,599	63.5	13,542	16.7	
1984	74,897	194.72	17,124	22.9	42,897	57.3	14,804	19.8	
1985	75,561	214.22	17,120	22.7	37,637	49.8	20,601	27.3	
1986	74,847	115.77	16,804	22.5	32,616	43.6	24,879	33.2	
1987	77,574	139.11	17,657	22.8	32,697	42.1	26,441	34.1	
1988	83,847	100.97	18,533	22.1	33,348	39.8	30,897	36.8	
1989	80,842	123.05	19,332	23.9	31,693	39.2	29,168	36.1	
1989	Jan	7,079	1,615	22.8	2,764	39.0	2,700	38.1	
	Feb	6,227	110.03	1,299	2,582	41.5	2,241	36.0	
	Mar	6,945	119.65	1,560	2,814	40.5	2,473	35.6	
	Apr	6,557	130.26	1,762	2,558	39.0	2,175	33.2	
	May	7,154	131.04	1,536	2,971	41.5	2,580	36.1	
	Jun	6,823	129.70	1,545	2,767	40.6	2,464	36.1	
	Jul	6,629	128.30	1,771	2,565	38.7	2,282	34.4	
	Aug	6,805	118.39	1,866	27.4	2,423	35.6	2,506	36.8
	Sep	6,487	123.61	1,631	25.1	2,206	34.0	2,601	40.1
	Oct	6,601	126.77	1,741	26.4	2,546	38.6	2,266	34.3
	Nov	6,506	123.75	1,590	24.4	2,614	40.2	2,239	34.4
	Dec	7,029	126.57	1,417	20.2	2,884	41.0	2,643	37.6
1990 (p)	Jan	6,639	130.99	1,552	23.4	2,735	41.2	2,255	34.0
	Feb	5,822	137.08	1,464	25.1	2,283	39.2	2,001	34.4
	Mar	6,908	124.40	1,928	27.9	2,554	37.0	2,313	33.5
	Apr	5,937	111.74	1,554	26.2	2,067	34.8	2,307	38.9
	May	6,628	107.50	1,395	21.0	2,437	36.8	2,732	41.2
	Jun	6,379	99.75	1,564	24.5	2,233	35.0	2,557	40.1
	Jul	6,819	113.62	1,605	23.5	2,616	38.4	2,584	37.9
	Aug	7,319	172.15	1,875	25.6	2,796	38.2	2,606	35.6
	Sep	6,529	214.51	1,508	23.1	2,460	37.7	2,551	39.1
	Oct	6,753	233.37	1,832	27.1	2,469	36.6	2,426	35.9
	Nov								
	Dec								

Source: Alberta Energy Resources Conservation Board

(1) Includes condensate, synthetic crude oil and pentanes plus.

(2) Total deliveries include losses and adjustments in interprovincial pipelines.

Note: Some figures may not add due to revisions and to the rounding process.  
\* Prices are intended to be averages which reflect general trends within the industry only.

\*\* MORE INFORMATION IS AVAILABLE IN ASIST MATRIX 6228 \*\*

## 9.5 DISPOSITION OF COAL, ALBERTA (M METRIC TONNES)

	Sub-Bituminous			Bituminous			Ex-Alberta Port & Other (1)	
	Deliveries to:			Deliveries to:				
	Total Deliveries	Alberta	Other Areas	Total Deliveries	Alberta	Other Provinces	Other Countries	
1979	9,407	9,226	181	5,138	147	1,630	3,362	-
1984	15,504	15,502	2	7,425	684	1,880	4,835	27
1985	17,074	17,073	1	7,623	934	1,445	5,423	-180
1986	17,330	17,328	2	7,624	513	1,405	5,608	98
1987	18,536	18,535	2	7,182	364	1,748	5,179	-109
1988	19,921	19,910	11	9,513	352	1,867	7,104	190
1989	20,919	20,918	1	9,918	537	2,172	7,448	-239
1989	1,812	1,812	-	793	34	234	855	-330
Jan	1,668	1,667	-	776	54	135	600	-13
Feb	1,734	1,733	-	1,056	52	223	630	151
Mar	1,621	1,621	-	884	46	244	550	44
Apr	1,683	1,683	-	855	45	218	509	83
May	1,774	1,774	-	701	37	194	570	-100
Jun	1,673	1,673	-	770	8	154	648	-40
Jul	1,657	1,657	-	869	43	200	562	64
Aug	1,675	1,675	-	870	48	190	760	-128
Sep	1,884	1,884	-	902	51	200	575	76
Oct	1,869	1,869	-	788	54	172	481	82
Nov	1,870	1,870	-	654	64	7	709	-126
Dec								
1990 (p)								
Jan	1,975	1,974	-	826	39	134	474	179
Feb	1,789	1,789	-	622	36	127	653	-194
Mar	1,714	1,714	-	823	21	181	665	-44
Apr	1,629	1,629	-	890	24	192	692	-18
May	1,733	1,733	-	804	18	192	380	213
Jun	1,562	1,562	-	646	20	174	545	-93
Jul	1,705	1,705	-	763	-	162	734	-133
Aug	1,675	1,675	-	766	21	118	437	191
Sep	1,637	1,637	-	811	31	180	752	-152
Oct	1,856	1,856	-	862	44	197	691	-70
Nov								
Dec								

Source: Alberta Energy Resources Conservation Board

(1) Includes losses and adjustments.

Note: Some figures may not add due to revisions and to the rounding process.

\*\* MORE INFORMATION IS AVAILABLE IN ASIST MATRIX 6229 \*\*

## 9.6 DISPOSITION OF ELECTRICAL ENERGY, ALBERTA (GW.H)

	Interprovincial Interchange			Deliveries to:					
	(1) Net Generation	Received From Out of Province	Delivered Out of Province	Total Available Energy	Total	Farm	Resi- dential	Commercial	Industrial
1979	20,255	107	-394	19,968	17,894	1,075	3,818	4,147	8,854
1984	28,462	303	-260	28,469	25,795	1,326	5,148	8,524	10,798
1985	30,542	288	-250	30,555	27,524	1,392	5,338	8,829	11,965
1986	31,723	528	-629	31,590	28,614	1,403	5,346	9,326	12,540
1987	33,689	380	-858	33,181	29,940	1,407	5,299	9,593	13,642
1988	36,942	372	-1,238	36,076	32,662	1,530	5,546	10,132	15,454
1989	39,987	236	-2,526	37,697	33,982	1,600	5,788	10,397	16,196
1989	3,395	36	-104	3,327	2,985	120	615	898	1,353
Jan	3,340	10	-258	3,093	2,886	127	569	880	1,311
Feb	3,419	32	-150	3,300	2,926	171	547	861	1,347
Mar	3,166	18	-206	2,978	2,860	141	492	845	1,381
Apr	3,065	38	-74	3,029	2,763	128	441	829	1,366
May	3,006	33	-62	2,978	2,799	140	437	863	1,360
Jun	3,332	18	-204	3,147	2,813	176	415	873	1,349
Jul	3,430	9	-319	3,120	2,795	92	430	922	1,351
Aug	3,247	8	-290	2,966	2,736	116	440	873	1,307
Sep	3,503	5	-358	3,150	2,706	97	439	868	1,301
Oct	3,487	7	-277	3,217	2,808	165	455	848	1,340
Nov	3,598	21	-219	3,401	2,906	128	508	840	1,430
Dec									
1990 (p)									
Jan	3,680	9	-281	3,407	3,123	136	639	938	1,410
Feb	3,197	18	-123	3,092	2,904	122	565	899	1,318
Mar	3,296	44	-98	3,242	3,006	166	541	908	1,391
Apr	3,055	35	-78	3,012	2,850	128	463	848	1,412
May	3,099	78	-89	3,088	2,802	124	461	859	1,357
Jun	3,110	25	-87	3,049	2,798	139	455	881	1,324
Jul	3,196	54	-46	3,204	2,889	170	433	916	1,370
Aug	3,200	50	-24	3,226	2,905	95	438	941	1,431
Sep	3,115	31	-72	3,075	2,852	122	436	907	1,388
Oct	3,471	36	-159	3,348	2,928	96	437	874	1,521
Nov									
Dec									

Source: Alberta Energy Resources Conservation Board

(1) Includes industrial on-site generation.

Note: Some figures may not add due to revisions and to the rounding process.

\*\* MORE INFORMATION IS AVAILABLE IN ASIST MATRIX 6226 \*\*

## 9.7 VALUE OF MINERAL PRODUCTION, CANADA AND PROVINCES

	1979	1984	1985	1986	1987	1988	1989(p)
(Millions of Dollars)							
Canada	26,081	43,789	44,730	32,446	36,361	36,961	39,122
Newfoundland	1,125	979	870	817	743	864	959
Prince Edward Island	2	2	2	2	3	2	2
Nova Scotia	210	304	321	367	407	453	443
New Brunswick	480	613	509	502	624	911	910
Quebec	2,165	2,167	2,243	2,191	2,781	2,711	2,812
Ontario	3,265	4,531	4,630	4,825	5,652	6,896	7,309
Manitoba	653	812	862	764	1,000	1,627	1,687
Saskatchewan	1,874	3,758	3,797	2,525	3,151	3,043	3,017
Alberta	12,899	26,429	27,030	16,331	17,080	15,062	16,207
British Columbia	2,677	3,346	3,541	3,160	3,615	3,943	4,091
Yukon	299	70	60	176	437	492	540
Northwest Territories	435	777	865	788	870	957	1,145

Source: Statistics Canada, Catalogue No.'s 26-201 and 26-202

## 9.8 VALUE OF MINERAL PRODUCTION, ALBERTA

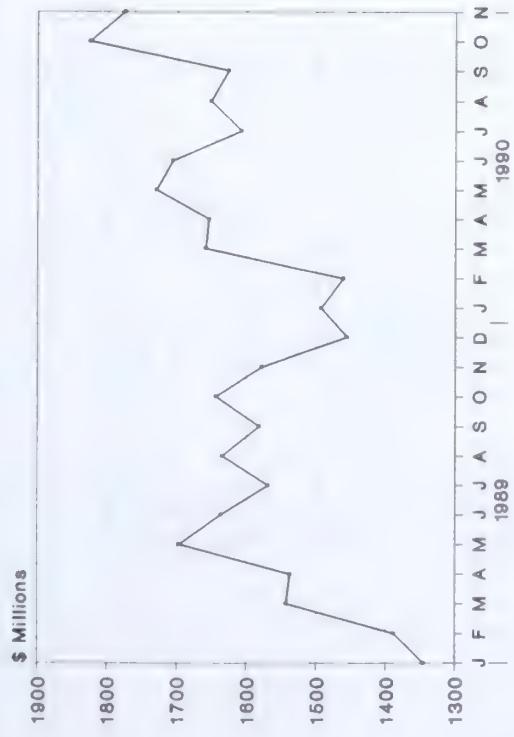
	1979	1984	1985	1986	1987	1988	1989(p)
(Thousands of Dollars)							
Fuels	12,552,239	25,556,373	25,700,837	15,216,266	16,270,690	14,296,414	15,463,015
Coal	238,185	458,611	447,760	445,579	389,650	458,850	503,000
Natural Gas (1)	4,918,931	7,332,722	7,305,388	5,048,927	4,021,746	4,584,528	4,420,557
Natural Gas By-Products	1,408,254	2,777,831	2,740,339	1,743,605	1,808,971	1,542,377	1,578,970
Petroleum, Crude	6,486,869	14,987,209	15,207,350	7,978,155	10,050,323	7,710,659	8,960,488
Non-Metals	172,242	621,915	1,031,441	839,483	519,076	453,201	432,025
Peat Moss	4,890	7,555	12,454	13,930	15,221	15,150	12,770
Quartz (2)	2,300	3,163	4,432	3,355	4,069	..	..
Salt	7,895	15,427	17,995	14,216	17,385	15,865	16,239
Sodium Sulphate	2,061	3,993	3,634	3,974	3,031	2,685	2,250
Sulphur, Elemental	155,096	591,777	992,926	803,995	479,370	419,500	400,766
Structural Materials	174,103	250,318	296,484	274,239	289,379	311,870	312,079
Clay Products	12,556	8,153	7,828	10,158	14,183	X	X
Cement	97,482	120,071	148,882	113,371	116,947	X	X
Lime	7,031	13,677	14,990	16,196	19,194	17,230	18,471
Sand and Gravel (2)	56,044	105,001	121,668	133,199	137,523	141,504	134,642
Stone	990	3,416	3,116	1,315	1,532	3,350	2,762
Metals	484	247	396	594	825	472	80
Gold	482	247	396	594	824	472	80
Other	-	472	480	-	-	-	-
Total	12,899,068	26,429,325	27,029,638	16,330,582	17,079,970	15,061,958	16,207,199

Source: Statistics Canada, Catalogue No.'s 26-201 and 26-202

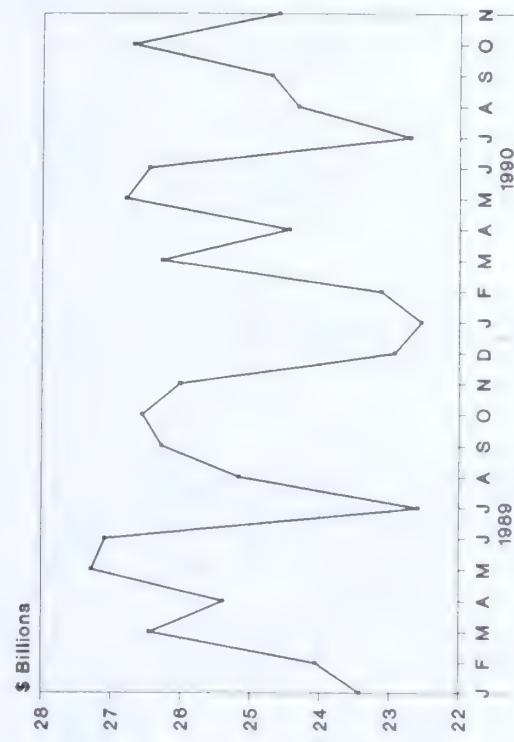
(1) Net withdrawals less shrinkage.

(2) Beginning 1988, Quartz is included with Sand and Gravel.

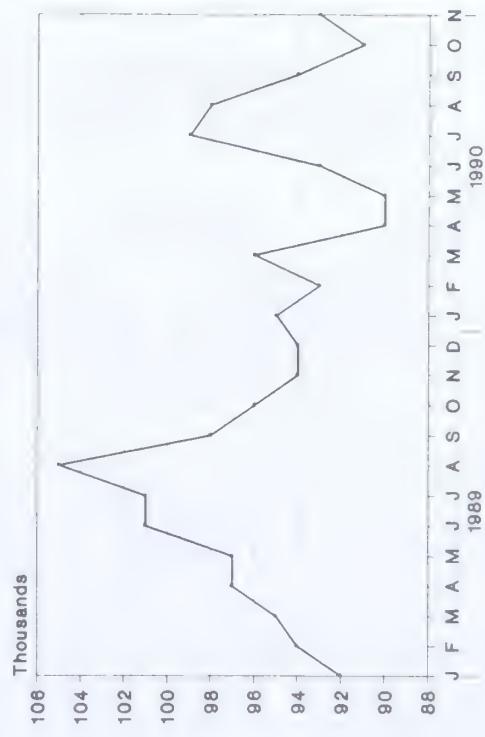
### Alberta Value of Manufacturing Shipments



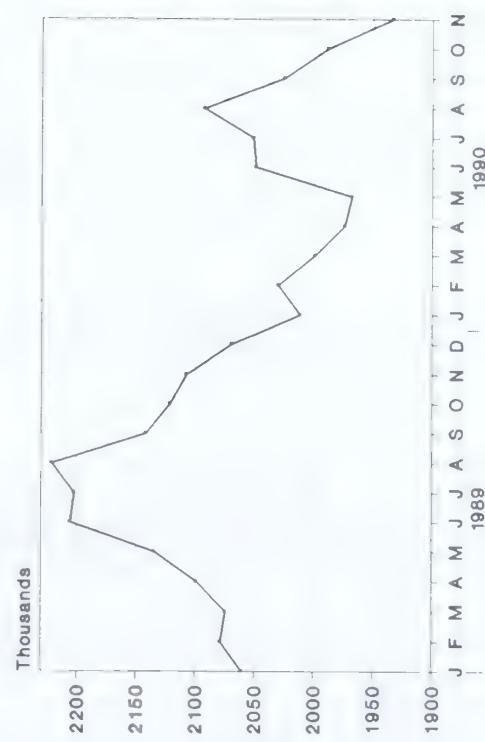
### Canada Value of Manufacturing Shipments



Alberta Manufacturing Industry  
Employed Labour Force



Canada Manufacturing Industry  
Employed Labour Force



## 10.1 VALUE OF MANUFACTURING SHIPMENTS, CANADA AND PROVINCES

	Canada(1)	Nfld.	P.E.I.	N.S.	N.B.	Que.	Ont.	Man.	Sask.	Alta.	B.C.
(Millions of Dollars)											
1979	152,487	1,028	X	3,223	2,974	39,373	76,286	3,921	1,864	8,949	14,631
1984	229,848	1,186	289	4,592	3,753	57,089	121,710	5,042	2,852	15,288	17,996
1985	248,673	1,226	297	4,666	3,985	60,799	132,068	5,552	2,983	17,180	19,858
1986	253,343	1,401	325	4,647	4,897	61,057	136,873	5,661	3,032	15,165	20,240
1987	272,037	1,655	363	4,766	5,640	66,531	143,713	6,229	3,286	16,424	23,374
1988	294,436	1,683	383	4,560	5,830	72,247	156,283	6,772	3,502	17,919	25,196
1989	303,184	1,510	391	4,784	6,152	74,921	159,825	7,294	3,749	18,612	25,877
1989											
Jan	231,428	102	26	360	463	5,699	12,693	565	249	1,345	1,922
Feb	24,060	111	24	365	473	5,944	12,976	558	259	1,389	1,958
Mar	26,446	104	26	412	531	6,584	14,045	619	343	1,543	2,234
Apr	25,385	117	28	385	506	6,315	13,483	574	317	1,537	2,119
May	27,275	146	45	426	568	6,615	14,450	659	365	1,696	2,300
Jun	27,083	154	41	424	548	6,581	14,344	639	356	1,637	2,350
Jul	22,580	136	34	384	486	5,567	11,299	568	307	1,570	2,221
Aug	25,165	145	34	401	502	6,367	12,850	605	335	1,636	2,279
Sep	26,272	132	34	397	512	6,444	13,992	651	327	1,582	2,192
Oct	26,552	131	37	435	533	6,589	14,012	654	315	1,644	2,198
Nov	26,012	116	31	405	528	6,433	13,918	620	300	1,578	2,080
Dec	22,926	116	28	390	503	5,783	11,765	582	276	1,456	2,023
1990 (p)											
Jan	22,546	102	28	406	496	5,478	11,716	565	269	1,493	1,988
Feb	23,117	99	27	370	486	5,653	12,240	552	302	1,461	1,921
Mar	26,276	128	30	436	510	6,265	14,063	634	311	1,659	2,235
Apr	24,452	111	28	387	484	5,877	12,923	601	356	1,654	2,028
May	26,795	114	49	422	548	6,499	14,113	675	396	1,729	2,207
Jun	26,465	132	51	410	538	6,531	13,877	634	375	1,706	2,206
Jul	22,702	130	46	410	517	5,607	11,427	544	329	1,608	2,074
Aug	24,326	148	46	396	563	6,242	12,237	597	350	1,651	2,087
Sep	24,706	127	47	432	526	6,339	12,683	598	330	1,626	1,988
Oct	26,689	109	41	478	567	6,609	13,971	634	342	1,825	2,106
Nov	24,616	113	34	470	529	6,140	12,737	590	327	1,775	1,896

Source: Statistics Canada, Catalogue No. 31-001

(1) Includes Yukon and N.W.T.

\*\* MORE INFORMATION IS AVAILABLE THROUGH ASIST IN CANSIM MATRICES 9550 AND 9570-9579 \*\*

## 10.2 VALUE OF MANUFACTURING SHIPPMENTS BY INDUSTRY, ALBERTA

	Total(1)	Food Industries	Beverage Industries	Furniture & Fixture Industries	Wood Industries	Paper & Allied Products Industries	Printing, Publishing & Allied Industries
(Thousands of Dollars)							
1979	8,948,516	..	..	90,809	445,879	282,796	298,300
1984	15,288,354	3,580,769	328,545	98,877	539,319	452,049	520,993
1985	17,180,253	3,537,630	334,654	108,218	555,887	462,271	569,169
1986	15,164,579	3,406,318	362,060	133,643	640,419	453,067	627,432
1987	16,424,184	3,893,997	374,680	165,075	729,947	534,642	641,824
1988	17,919,466	4,172,128	384,464	173,208	860,620	574,816	709,055
1989	18,612,485	4,156,498	355,252	222,182	929,662	586,520	754,658
1989	1,345,431	317,040	21,131	15,502	62,736	45,813	51,201
Jan	1,388,534	307,474	23,041	16,109	67,992	46,523	54,711
Feb	1,542,658	339,639	29,956	19,586	64,780	49,212	67,728
Mar	1,536,925	344,538	32,190	18,123	72,420	37,861	66,242
Apr	1,695,744	387,712	37,412	20,584	83,264	57,686	65,447
May	1,637,359	379,566	34,930	20,119	87,217	50,733	64,588
Jun	1,569,510	357,495	34,396	17,199	84,870	50,935	58,072
Jul	1,635,509	339,032	35,109	22,404	89,985	55,029	61,108
Aug	1,582,496	333,778	25,078	20,660	87,236	53,560	66,527
Sep	1,643,794	343,738	27,321	17,903	87,185	50,434	66,089
Oct	1,578,031	352,577	28,731	17,493	75,200	50,051	72,722
Nov	1,456,494	353,909	25,957	16,500	66,777	38,633	60,223
1990 (p)							
Jan	1,492,615	338,342	21,430	23,310	73,348	53,967	60,409
Feb	1,461,065	321,605	23,251	24,887	77,205	46,077	60,109
Mar	1,658,514	360,000	28,331	24,300	86,851	49,937	69,635
Apr	1,653,731	385,136	28,595	21,343	90,009	52,845	66,291
May	1,729,272	411,027	32,563	23,866	97,813	56,373	71,481
Jun	1,706,255	411,727	32,394	23,911	91,978	63,068	60,888
Jul	1,608,168	387,734	35,291	18,986	87,833	56,321	58,193
Aug	1,651,300	380,964	31,936	20,647	84,476	52,167	64,522
Sep	1,626,004	369,425	25,162	18,990	78,814	49,892	61,643
Oct	1,825,452	392,783	26,566	21,012	85,442	52,666	72,252
Nov	1,774,611	387,295	27,663	18,163	74,264	58,792	73,121

Note: Data are based on the 1980 Standard Industrial Classification (SIC) beginning 1981.

(1) Total includes estimates for several industry groups which cannot be shown separately due to confidentiality provisions of the Statistics Act.

Continued.....

## 10.2 (CONCLUDED) VALUE OF MANUFACTURING SHIPMENTS BY INDUSTRY, ALBERTA

	Primary Metal Industries	Fabricated Metal Products Industries	(2)Machinery Industries	Non-Metallic Mineral Products Industries	Refined Petroleum & Coal Products Industries	Chemical & Chemical Products Industries	Other Manufacturing Industries
(Thousands of Dollars)							
1979							
	512,816	582,155	314,999	549,513	1,700,609	755,197	63,745
1984	795,185	614,839	543,069	490,212	4,316,725	2,096,393	135,705
1985	865,932	781,394	755,676	523,421	5,102,134	2,543,055	167,420
1986	719,447	804,723	X	583,444	3,118,594	2,555,431	192,595
1987	761,805	794,146	599,815	602,452	3,393,711	2,741,998	185,461
1988	1,130,304	931,417	795,793	583,055	2,939,394	3,115,372	210,636
1989	1,120,217	1,075,135	745,628	545,562	3,029,144	3,297,972	214,363
1989							
Jan	95,611	72,946	54,818	31,143	198,608	255,456	16,478
Feb	109,431	71,153	52,515	26,795	213,512	257,369	15,823
Mar	111,414	91,310	63,346	33,297	238,794	266,711	16,743
Apr	92,919	84,414	58,982	39,267	263,721	277,624	17,032
May	115,406	95,603	68,855	49,117	267,461	289,087	18,832
Jun	91,206	98,164	70,352	55,604	250,182	281,179	18,105
Jul	80,536	90,845	58,143	56,017	281,969	258,520	17,161
Aug	88,422	103,689	63,084	55,810	278,683	305,367	16,887
Sep	82,019	100,187	54,783	55,298	276,670	276,473	17,049
Oct	94,258	96,073	69,091	60,673	277,872	294,381	19,671
Nov	92,115	94,780	66,679	45,828	249,061	286,780	21,286
Dec	66,880	75,971	64,980	36,713	232,611	249,028	19,296
1990 (p)							
Jan	81,728	78,294	49,154	34,657	257,395	265,943	19,737
Feb	67,279	89,585	59,318	32,691	221,856	265,690	19,866
Mar	67,148	94,726	62,309	44,052	282,699	288,862	22,707
Apr	62,616	93,346	62,205	43,479	251,994	307,952	22,346
May	85,954	100,027	65,911	54,467	246,243	309,082	22,845
Jun	60,040	95,033	67,527	58,694	234,450	301,490	25,226
Jul	51,425	97,358	59,438	63,617	239,640	270,843	27,509
Aug	53,520	100,139	55,587	65,250	285,757	286,653	28,382
Sep	59,603	87,875	63,393	63,267	295,298	273,508	23,758
Oct	63,247	98,256	58,710	66,302	407,140	307,235	23,983
Nov	61,547	103,023	61,304	46,902	390,090	294,187	24,109

Source: Statistics Canada, Catalogue No. 31-001

(2) Excludes Electrical Machinery.

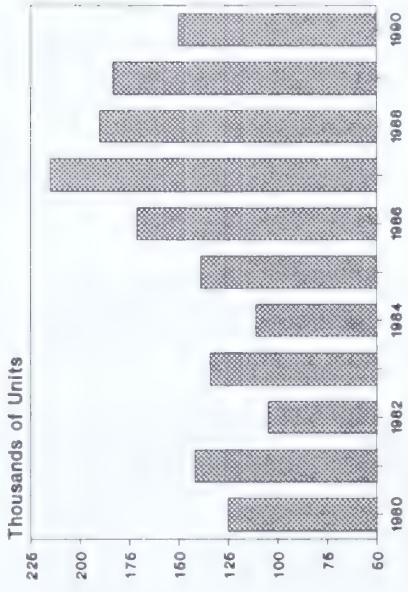
\*\* MORE INFORMATION IS AVAILABLE THROUGH ASSIST IN CANSIM MATRIX 9578 \*\*

### Alberta Urban Housing Starts



- During the later part of 1990, a substantial slowdown in new home construction was evident across Canada. Compared to 1989, urban starts decreased in all provinces except Alberta. A high demand for housing by Albertans during the beginning of the year, resulted in a 16.9% gain over 1989. Starts totalled 14,432, the highest level since 1982.
- Following three years of strong activity, Ontario recorded the largest drop in starts at 34.2%. Other provincial declines ranged from 3.9% in Quebec to 30.7% in Saskatchewan. Total Canada starts decreased 17.8%.
- For the second consecutive year, starts in 1990 for metropolitan Calgary (7,004) were higher than metropolitan Edmonton (5,921). However, Edmonton's annual increase of 22.9% was much higher than Calgary's 12.5%.

### Canada Urban Housing Starts



## 11.1 VALUE OF CONSTRUCTION WORK PURCHASED, CANADA AND PROVINCES

	Canada	Nfld.	P.E.I.	N.S.	N.B.	Que.	Ont.	Man.	Sask.	Alta.	B.C.*
(Millions of Dollars)											
New											
1980	40,152	710	135	930	782	7,493	9,863	1,092	1,873	10,335	6,940
1985	58,090	1,540	193	1,985	1,200	12,106	17,925	2,046	2,744	9,966	8,385
1986	61,117	1,409	237	1,949	1,224	13,255	21,784	2,415	2,436	8,996	7,412
1987	69,920	1,310	235	1,743	1,404	16,153	27,300	2,392	2,824	8,877	7,683
1988	77,353	1,296	288	1,888	1,520	17,581	30,304	2,521	3,103	10,137	8,716
1989 (P)	85,528	1,346	286	2,057	1,739	18,698	34,534	2,772	2,863	10,103	11,128
1990 (i)	90,554	1,535	302	2,168	1,838	19,351	35,015	3,079	3,401	11,499	12,367
Repair											
1980	8,174	140	41	254	176	1,859	2,574	306	405	1,359	1,060
1985	9,893	185	52	364	248	2,310	3,184	382	529	1,309	1,330
1986	10,584	202	57	417	247	2,325	3,521	383	524	1,353	1,555
1987	12,051	230	47	486	267	2,647	3,797	568	562	1,613	1,834
1988	13,518	251	65	527	291	2,984	4,428	618	657	1,651	2,048
1989 (P)	14,537	255	64	528	309	3,298	4,873	635	709	1,692	2,175
1990 (i)	15,433	267	65	560	323	3,511	5,158	664	755	1,834	2,296
Total											
1980	48,327	850	176	1,183	958	9,352	12,437	1,398	2,278	11,693	8,000
1985	67,983	1,724	245	2,349	1,448	14,416	21,109	2,428	3,274	11,276	9,716
1986	71,701	1,612	294	2,365	1,471	15,579	25,305	2,798	2,960	10,349	8,967
1987	81,971	1,540	282	2,228	1,671	18,800	31,097	2,960	3,386	10,490	9,517
1988	90,871	1,546	352	2,415	1,811	20,565	34,731	3,138	3,761	11,787	10,764
1989 (P)	100,066	1,602	350	2,585	2,048	21,996	39,408	3,407	3,572	11,795	13,303
1990 (i)	105,987	1,802	368	2,727	2,160	22,862	40,173	3,742	4,156	13,333	14,664

Source: Statistics Canada, Catalogue No. 64-201

\* Includes Yukon and N.W.T.

\*\* MORE INFORMATION IS AVAILABLE THROUGH ASIST IN CANSIM MATRICES 3721 AND 3745-3772 \*\*

## 11.2 DWELLING STARTS, COMPLETIONS AND UNDER CONSTRUCTION, ALL AREAS, CANADA AND PROVINCES

	Canada(1)	Nfld.	P.E.I.	N.S.	N.B.	Que.	Ont.	Man.	Sask.	Alta.	B.C.
(Units)											
Starts											
1980	158,601	3,848	475	3,895	2,646	29,186	40,127	2,597	6,250	32,031	37,546
1986	199,785	2,883	1,110	7,571	4,045	60,348	81,470	7,699	5,510	8,462	20,687
1987	245,986	2,682	933	6,460	3,716	74,179	105,213	8,174	4,895	10,790	28,944
1988	222,562	3,168	1,151	5,478	3,621	58,062	99,924	5,455	3,856	11,360	30,487
1989	215,382	3,536	815	5,359	3,681	49,058	93,337	4,084	1,906	14,712	38,894
Jan-Mar	38,954	258	83	614	286	8,186	19,056	669	358	2,121	7,320
Apr-Jun	64,321	1,250	320	1,426	1,196	16,024	28,074	1,119	635	3,727	10,550
Jul-Sep	58,959	1,220	228	1,537	1,314	11,701	24,777	1,479	571	4,621	11,511
Oct-Dec	52,148	808	184	1,782	885	13,144	21,430	817	342	4,243	9,513
1990	181,630	3,245	762	5,560	2,683	48,070	62,649	3,297	1,417	17,227	36,720
Jan-Mar	39,811	296	82	609	245	8,134	15,436	710	224	4,156	9,919
Apr-Jun	62,346	858	141	1,682	1,004	18,710	19,835	996	538	6,376	12,206
Jul-Sep	44,103	1,044	280	1,752	809	10,256	16,557	1,024	452	3,604	8,325
Oct-Dec	35,370	1,047	259	1,517	625	10,970	10,821	567	203	3,091	6,270
Completions											
1980	176,168	2,986	692	4,512	3,258	33,560	54,021	4,503	7,763	34,717	30,156
1986	184,605	2,400	1,176	7,571	4,504	56,984	69,567	7,341	5,072	9,172	20,818
1987	217,976	2,836	943	6,488	3,944	68,949	88,609	7,627	5,640	9,334	23,606
1988	216,532	3,220	993	5,793	3,798	65,224	88,727	5,621	4,352	11,201	27,603
1989	217,371	3,783	927	4,904	3,383	50,855	99,817	6,461	2,743	12,763	31,735
Jan-Mar	46,881	766	255	1,332	750	7,462	25,488	1,104	843	2,201	6,680
Apr-Jun	53,460	817	167	1,151	430	13,805	23,826	2,364	495	2,750	7,655
Jul-Sep	60,797	1,122	262	1,005	1,018	17,727	24,956	1,504	784	4,070	8,349
Oct-Dec	56,233	1,078	243	1,416	1,185	11,861	25,547	1,489	621	3,742	9,051
1990	206,163	3,127	683	5,477	2,959	52,630	80,562	4,028	1,575	17,467	37,655
Jan-Mar	45,979	848	112	1,324	970	7,507	22,079	810	465	3,451	8,413
Apr-Jun	51,193	872	224	972	319	14,572	18,498	1,075	356	4,533	9,772
Jul-Sep	58,261	667	221	1,415	834	18,737	20,018	932	372	5,316	9,749
Oct-Dec	50,730	740	126	1,766	836	11,814	19,967	1,211	382	4,167	9,721
Under Construction											
1980	105,780	3,736	179	2,762	1,318	14,639	31,187	2,694	6,022	20,378	22,865
1986	101,440	3,823	362	3,435	1,770	24,531	48,625	4,178	3,255	2,913	8,548
1987	127,747	3,631	338	3,283	1,524	28,974	64,458	4,765	2,457	4,331	13,986
1988	131,452	3,491	497	2,915	1,317	21,372	74,465	4,409	1,885	4,407	16,694
1989	127,563	3,168	380	3,364	1,638	19,527	66,695	2,032	979	6,297	23,483
Jan-Mar	122,859	2,966	322	2,172	854	22,088	67,437	3,974	1,397	4,348	17,301
Apr-Jun	133,187	3,387	474	2,486	1,617	24,169	71,262	2,729	1,499	5,302	20,262
Jul-Sep	131,003	3,446	441	3,013	1,921	18,354	70,851	2,704	1,270	5,821	23,182
Oct-Dec	127,563	3,168	380	3,364	1,638	19,527	66,695	2,032	979	6,297	23,483
1990	100,672	3,204	463	3,376	1,259	14,719	47,808	1,316	809	5,973	21,645
Jan-Mar	120,565	2,568	350	2,648	904	20,061	59,805	1,932	738	6,997	24,562
Apr-Jun	130,992	2,552	269	3,357	1,600	24,191	60,617	1,868	924	8,826	26,788
Jul-Sep	116,260	2,903	329	3,693	1,572	15,600	56,932	1,960	989	7,099	25,183
Oct-Dec	100,672	3,204	463	3,376	1,259	14,719	47,808	1,316	809	5,973	21,645

Source: Canada Mortgage and Housing Corporation

(1) Excludes Yukon and N.W.T.

Note: Under Construction annual data are as of Oct-Dec for the reference year.

\*\* MORE INFORMATION IS AVAILABLE THROUGH ASSIST IN CANSIM MATRIX 23 \*\*

### 11.3 DWELLING STARTS, CENTRES 10,000 POPULATION AND OVER, CANADA AND PROVINCES

	Canada(1)	Nfld.	P.E.I.	N.S.	N.B.	Que.	Ont.	Man.	Sask.	Alta.	B.C.
	(Units)										
1980	125,013	1,775	96	2,062	776	23,064	35,432	1,723	4,018	25,730	30,337
1985	139,408	1,392	465	4,943	2,467	41,404	57,053	5,372	4,111	6,044	16,157
1986	170,863	1,477	688	5,210	2,578	52,663	71,913	6,588	4,496	6,383	18,867
1987	215,340	1,448	615	4,519	2,309	66,757	93,900	6,900	3,999	8,432	26,461
1988	189,635	1,710	781	3,670	2,433	50,581	86,944	4,448	2,980	9,212	26,876
1989	183,323	2,152	632	3,885	2,199	41,859	81,026	3,147	1,435	12,345	34,643
1990	150,620	1,884	560	3,650	1,730	40,249	53,341	2,274	994	14,432	31,506
1989	13,678	62	27	217	69	2,723	7,243	100	83	600	2,554
Jan	9,774	46	17	178	31	2,339	4,560	120	72	513	1,898
Feb	12,150	44	20	93	50	2,229	6,160	324	73	755	2,402
Mar	17,392	204	24	416	200	4,422	7,831	222	231	834	3,008
Apr	19,127	210	89	376	288	5,292	8,251	257	152	1,242	2,970
May	17,697	316	94	297	287	3,301	8,265	390	172	1,174	3,401
Jun	16,421	157	125	401	327	2,967	7,341	619	225	1,498	2,761
Jul	15,483	350	30	267	260	2,998	7,101	261	129	1,011	3,076
Aug	16,338	226	35	317	218	4,033	5,617	231	74	1,117	4,470
Sep	15,764	247	70	519	184	4,082	6,293	216	104	1,299	2,750
Oct	15,608	174	72	375	185	3,598	6,844	356	66	1,316	2,622
Nov	13,891	116	29	429	100	3,875	5,520	51	54	986	2,731
Dec											
1990	13,063	60	26	181	26	2,437	6,192	260	46	1,198	2,637
Jan	10,178	20	18	82	60	2,239	3,149	124	36	1,057	3,393
Feb	12,963	43	22	52	99	2,959	4,901	187	82	1,564	3,054
Mar	16,133	69	27	433	152	3,912	4,983	195	143	2,110	4,109
Apr	19,088	251	40	252	168	5,400	6,577	305	174	2,055	3,866
May	16,603	232	27	507	276	6,028	4,944	212	161	1,294	2,922
Jun	13,832	228	90	398	106	3,660	5,959	233	57	1,063	2,038
Jul	11,489	190	82	393	201	2,779	3,731	292	114	953	2,754
Aug	9,811	176	35	243	158	2,212	3,873	168	52	932	1,962
Sep	9,991	276	27	366	261	2,590	3,566	104	80	804	1,917
Oct	9,321	258	107	343	128	2,946	3,111	90	33	833	1,472
Nov	8,148	81	59	400	95	3,087	2,355	104	16	569	1,382
Dec											

Source: Canada Mortgage and Housing Corporation

(1) Excludes Yukon and N.W.T.

\*\* MORE INFORMATION IS AVAILABLE THROUGH ASSIST IN CANSIM MATRIX 25 \*\*

**11.4 DWELLING STARTS BY TYPE OF DWELLING, CENTRES 10,000 POPULATION AND OVER, ALBERTA**

	Total	Single Detached	Semi-Detached	Row	Apartments
	(Units)				
1980	25,730	12,036	2,343	4,010	7,341
1985	6,044	5,701	50	66	227
1986	6,383	5,361	201	440	381
1987	8,432	7,432	248	490	262
1988	9,212	7,703	580	525	404
1989	12,345	10,253	466	893	733
1990	14,432	11,413	576	1,183	1,260
1989	600	478	66	56	-
Jan	513	340	22	148	3
Feb	755	606	50	48	51
Mar	834	780	18	24	12
Apr	1,242	1,143	36	27	36
May	1,174	1,055	68	51	-
Jun	1,498	1,080	30	250	138
Jul	1,011	856	26	102	27
Aug	1,117	999	26	92	-
Sep	1,299	974	26	20	279
Oct	1,316	1,110	40	43	123
Nov	986	832	58	88	8
Dec					
1990	1,198	979	116	100	3
Jan	1,057	954	50	35	18
Feb	1,564	1,294	36	57	177
Mar	2,110	1,869	46	76	119
Apr	2,055	1,283	64	351	357
May	1,294	1,093	56	31	114
Jun	1,063	800	22	102	139
Jul					
Aug	953	688	58	49	158
Sep	932	758	46	25	103
Oct	804	652	40	74	38
Nov	833	656	30	147	-
Dec	569	387	12	136	34

Source: Canada Mortgage and Housing Corporation

\*\* MORE INFORMATION IS AVAILABLE IN ASIST MATRIX 6152 \*\*

## 11.5 DWELLING STARTS, CENTRES 10,000 POPULATION AND OVER, ALBERTA

	Total Centres 10,000 & Over	Calgary CMA(1)	Edmonton CMA(1)	Edmonton City	Grande Prairie	Leth- bridge	Medicine Hat	Red Deer	Fort McMurray	Camrose	Alberta Part Lloyd- minster
(Units)											
1980	25,730	11,104	9,967	8,446	795	491	721	1,381	810	173	288
1985	6,044	2,318	2,528	1,970	166	142	99	199	265	31	230
1986	6,383	2,679	2,561	1,910	171	203	187	369	34	31	78
1987	8,432	3,466	3,608	2,366	156	236	260	490	75	41	47
1988	9,212	3,800	4,133	2,702	143	252	168	426	155	28	61
1989	12,345	6,228	4,817	2,904	163	228	239	402	116	74	28
1990	14,432	7,004	5,921	3,432	160	468	255	350	109	59	44
1989											
Jan	600	297	193	116	9	13	45	17	—	22	2
Feb	513	301	158	96	9	11	13	15	2	—	2
Mar	755	407	313	212	9	1	—	21	1	3	3
Apr	834	358	395	214	11	5	20	31	2	8	2
May	1,242	633	466	229	29	25	25	22	2	5	5
Jun	1,174	572	476	316	26	7	16	46	19	1	3
Jul	1,498	741	624	397	14	34	26	18	19	11	6
Aug	1,011	469	370	213	17	19	34	83	7	6	—
Sep	1,117	543	479	275	10	28	17	15	13	2	2
Oct	1,299	727	448	241	6	20	11	63	10	9	—
Nov	1,316	710	488	332	15	11	17	44	19	6	1
Dec	986	470	407	263	8	50	15	24	2	6	2
1990											
Jan	1,198	813	289	172	12	47	12	20	2	—	—
Feb	1,057	619	364	200	8	21	15	21	1	1	1
Mar	1,564	730	758	513	16	20	13	17	4	—	—
Apr	2,110	963	827	450	25	181	24	56	9	14	2
May	2,055	906	968	658	28	31	20	66	13	10	4
Jun	1,294	434	675	354	13	41	71	27	17	6	4
Jul	1,063	447	533	288	6	25	9	14	13	8	3
Aug	953	493	363	190	13	27	15	18	10	6	2
Sep	932	446	388	201	8	14	34	22	5	5	5
Oct	804	380	315	182	9	31	13	22	19	10	10
Nov	833	474	263	158	12	16	13	32	6	4	8
Dec	569	299	178	66	10	14	10	41	9	2	5

Source: Canada Mortgage and Housing Corporation

(1) Based on 1986 boundaries beginning January, 1987.

\*\* MORE INFORMATION IS AVAILABLE IN ASIST MATRIX 6152 \*\*

## 11.6 DWELLING COMPLETIONS, CENTRES 10,000 POPULATION AND OVER, ALBERTA

	Total Centres 10,000 & Over	Calgary CMA(1)	Edmonton CMA(1)	Edmonton City	Grande Prairie	Leth- bridge	Medicine Hat	Fort McMurray	Red Deer	McMurray	Camrose	Alberta Part Lloyd- minster
(Units)												
1980	27,293	12,067	9,996	8,176	1,010	451	721	1,436	901	117	594	
1985	5,473	2,009	2,380	1,889	143	138	98	170	210	36	231	
1986	6,838	2,848	2,709	2,076	175	195	158	350	104	87	131	
1987	6,947	2,539	3,171	2,110	156	205	226	448	54	46	53	
1988	9,016	4,123	3,718	2,341	135	214	232	355	114	25	41	
1989	10,625	5,014	4,167	2,578	166	261	262	456	143	61	55	
1990	15,017	7,509	5,977	3,479	166	476	255	356	113	67	30	
(Units)												
1989												
Jan	610	206	295	186	9	6	8	56	20	1	8	
Feb	613	285	234	133	20	18	8	32	4	3	8	
Mar	556	198	238	160	9	20	12	45	17	8	6	
Apr	846	491	237	153	12	3	46	48	4	1	3	
May	730	407	233	143	9	13	22	31	12	2	1	
Jun	897	462	351	209	11	22	14	13	10	2	8	
Jul	1,352	687	558	399	9	29	10	39	11	4	4	
Aug	963	468	329	186	28	52	35	27	8	3	7	
Sep	1,051	449	462	312	9	8	41	40	11	23	3	
Oct	926	408	408	235	18	12	32	15	18	8	2	
Nov	1,172	619	399	230	18	42	11	52	17	4	2	
Dec	909	334	423	232	14	36	23	58	11	2	3	
1990												
Jan	916	510	306	174	9	19	19	34	8	4	1	
Feb	845	411	369	188	5	18	4	26	5	5	-	
Mar	1,101	694	312	188	8	29	8	32	4	4	3	
Apr	1,220	766	359	205	14	25	13	32	4	4	-	
May	1,222	790	363	228	6	25	8	14	6	2	-	
Jun	1,687	954	584	363	16	59	29	26	11	5	-	
Jul	1,386	780	513	301	8	20	8	27	11	4	4	
Aug	1,254	523	583	323	40	32	24	27	5	9	3	
Sep	2,019	799	890	568	27	170	37	65	11	13	4	
Oct	1,359	564	689	408	8	36	20	18	14	5	4	
Nov	1,081	366	633	367	9	19	10	18	8	5	4	
Dec	927	352	376	166	16	24	75	37	7	7		

Source: Canada Mortgage and Housing Corporation

(1) Based on 1986 boundaries beginning January, 1987.

\*\* MORE INFORMATION IS AVAILABLE IN ASIST MATRIX 6152 \*\*

## 11.7 DWELLING STARTS BY TYPE OF DWELLING, EDMONTON AND CALGARY

	Edmonton CMA						Calgary CMA			
	Total	Single Detached	Semi- Detached	Row	Apartment	Total	Single Detached	Semi- Detached	Row	Apartment
		(Units)								
1980	9,967	3,674	636	2,324	3,333	11,104	5,612	1,380	1,609	2,503
1985	2,528	2,424	24	21	59	2,318	2,294	12	5	7
1986	2,561	2,355	105	90	11	2,679	2,112	68	174	325
1987	3,608	3,265	138	129	76	3,466	3,162	68	148	88
1988	4,133	3,469	162	193	309	3,800	3,327	336	122	15
1989	4,817	3,931	208	359	319	6,228	5,278	206	435	309
1990	5,921	4,759	206	319	637	7,004	5,564	276	693	471
1989	193	193	—	—	297	239	58	—	—	—
Jan	158	146	12	—	—	301	149	4	148	—
Feb	313	182	38	42	51	407	397	10	—	—
Mar	395	357	14	24	—	358	358	—	—	—
Apr	466	375	28	27	36	633	629	4	—	—
May	476	425	16	35	—	572	528	44	—	—
Jun	624	458	14	66	86	741	505	12	180	44
Jul	370	336	18	16	—	469	413	8	47	1
Aug	479	417	20	42	—	543	503	4	36	—
Sep	448	391	18	16	23	727	467	4	—	256
Oct	488	310	16	39	123	710	690	20	—	—
Nov	407	341	14	52	—	470	400	38	24	8
Dec										
1990	289	255	22	12	—	813	672	72	66	3
Jan	364	320	12	32	—	619	578	38	3	—
Feb	758	506	18	57	177	730	714	16	—	—
Mar	827	773	30	—	24	963	953	10	—	—
Apr	968	634	28	54	252	906	524	28	261	93
May	675	627	36	12	—	434	314	14	19	87
Jun	553	442	4	83	447	447	285	8	98	56
Jul	363	319	6	38	—	493	276	48	11	158
Aug	388	276	30	19	63	446	390	10	6	40
Sep	315	240	4	33	38	380	327	20	33	—
Oct	263	240	10	13	—	474	334	10	130	—
Nov	178	127	6	45	—	299	197	2	66	34
Dec										

Source: Canada Mortgage and Housing Corporation

Note: CMAs based on 1986 boundaries beginning January, 1987.

\*\* MORE INFORMATION IS AVAILABLE IN ASIST MATRIX 6157 \*\*

## 11.8 NEWLY COMPLETED AND UNOCCUPIED DWELLINGS, CALGARY AND EDMONTON METROPOLITAN AREAS

	Single & Semi-Detached			Row & Apartments				
	Calgary CMA	Edmonton CMA	Edmonton City	St. Albert	Calgary CMA	Edmonton CMA	Edmonton City	St. Albert
(Units)								
1979	802	1,846	1,302	176	1,023	1,959	1,705	190
1984	156	123	91	17	387	209	197	11
1985	41	68	53	7	75	85	85	-
1986	86	70	45	12	140	58	58	-
1987	124	111	63	20	16	19	19	-
1988	109	167	77	44	16	22	20	-
1989	356	154	58	31	18	154	151	-
1989								
Jan	112	146	74	29	6	23	20	-
Feb	142	146	73	34	3	20	17	-
Mar	143	142	68	34	3	30	27	-
Apr	159	120	47	32	3	30	22	-
May	202	122	42	29	3	28	20	-
Jun	233	127	40	29	3	35	14	9
Jul	228	135	45	28	6	126	123	-
Aug	321	166	74	29	3	120	119	-
Sep	294	132	54	25	2	175	174	-
Oct	295	149	58	24	2	178	177	-
Nov	326	155	55	35	11	160	157	-
Dec	356	154	58	31	18	154	151	-
1990								
Jan	316	161	55	38	16	143	142	-
Feb	303	168	69	46	13	140	140	-
Mar	428	145	61	33	2	120	120	-
Apr	474	155	68	37	7	114	114	-
May	494	151	67	29	60	115	115	-
Jun	549	213	101	41	59	152	151	-
Jul	594	229	127	23	81	153	153	-
Aug	517	311	165	43	43	96	94	-
Sep								
Oct								
Nov								
Dec								

Source: Canada Mortgage and Housing Corporation

Note: Annual data are as of 31-Dec for the reference year.  
CMA data based on 1986 boundaries beginning January, 1987.

\*\* MORE INFORMATION IS AVAILABLE IN ASIST MATRIX 6156 \*\*

## 11.9 VALUE OF ALL BUILDING PERMITS, CANADA AND PROVINCES

	Canada	Nfld.	P.E.I.	N.S.	N.B.	Que.	Ont.	Man.	Sask.	Alta.	B.C.	Yuk. & N.W.T.
(Millions of Dollars)												
1979	14,144	126	79	365	250	2,464	4,326	339	667	3,355	2,134	38
1984	15,502	154	78	561	293	3,611	6,274	529	570	1,386	2,004	42
1985	19,524	184	87	668	373	4,475	8,393	696	548	1,798	2,190	112
1986	24,690	207	107	756	461	5,887	11,359	810	741	1,841	2,420	100
1987	30,981	235	124	774	517	8,102	14,834	863	666	1,860	2,906	100
1988	34,829	273	173	833	502	7,748	17,281	789	524	2,440	4,150	115
1989	40,045	347	149	881	596	8,696	20,031	846	511	2,647	5,221	119
1989	2,185	13	2	54	35	268	1,293	50	16	106	345	2
Jan	2,712	13	9	31	11	825	1,285	35	22	148	331	3
Feb	3,770	12	12	63	42	1,358	1,560	55	21	209	433	5
Mar	3,724	36	16	81	67	757	1,992	86	40	204	437	8
Apr	4,001	54	19	104	70	822	1,978	82	44	314	509	4
May	3,891	33	24	103	78	599	2,030	114	66	307	516	20
Jun	3,339	31	7	79	58	668	1,715	115	26	209	420	12
Jul	4,168	35	17	92	50	841	2,114	66	131	299	508	17
Aug	3,444	43	13	82	69	746	1,630	71	50	216	491	33
Sep	3,412	38	19	68	57	783	1,615	83	44	255	441	9
Oct	3,041	31	7	69	44	658	1,471	58	27	217	454	5
Nov	2,359	9	5	54	16	369	1,349	32	24	165	335	2
Dec												
1990 (p)												
Jan	2,277	9	2	42	12	319	1,111	35	79	240	427	2
Feb	2,385	7	10	27	23	473	1,047	35	14	229	515	3
Mar	3,486	18	13	84	43	878	1,391	73	21	391	572	2
Apr	3,352	30	14	80	53	793	1,491	66	40	319	461	5
May	3,424	43	25	79	61	827	1,431	113	40	288	508	10
Jun	3,382	40	20	85	65	934	1,435	83	57	235	406	23
Jul	2,540	30	14	90	47	435	1,116	39	61	285	411	10
Aug	2,804	30	21	61	58	512	1,364	99	42	220	376	21
Sep	2,321	42	11	71	46	567	930	53	40	204	350	9
Oct	2,799	33	16	81	34	675	1,234	57	39	207	415	8
Nov	1,993	20	7	57	43	410	856	54	14	215	302	16
Dec												

Source: Statistics Canada, Catalogue No.'s 64-001 and 64-203

\*\* MORE INFORMATION IS AVAILABLE THROUGH ASSIST IN CANSIM MATRIX 137 \*\*

## 11.10 BUILDING PERMITS ISSUED BY TYPE OF DWELLING, ALBERTA

	Total	Single Dwellings	Cottages	Double Dwellings	Row Housing	Apartments	Conversions
	(Units)						
1979	39,025	21,265	80	3,221	3,966	10,451	42
1984	7,443	6,227	45	64	127	946	34
1985	9,534	8,188	39	73	223	980	31
1986	8,848	7,012	16	209	315	1,257	39
1987	11,021	9,364	43	281	517	787	29
1988	11,176	9,239	67	308	788	724	50
1989	15,443	13,015	43	486	856	1,017	26
1989	582	490	-	64	28	-	-
Jan	839	673	1	8	13	144	-
Feb	1,328	1,082	1	16	179	50	-
Mar	1,471	1,278	5	44	123	20	1
Apr	1,781	1,545	4	42	85	94	11
May	1,522	1,284	7	20	11	198	2
Jun	1,346	1,136	7	108	40	55	-
Jul	1,111	970	4	20	104	13	-
Aug	1,329	1,096	3	44	50	132	4
Sep	1,590	1,230	4	54	138	164	-
Oct	1,397	1,211	5	48	37	92	4
Nov	1,147	1,020	2	18	48	55	4
Dec							
1990 (p)	1,316	1,152	3	6	16	139	-
Jan	1,618	1,433	1	4	36	115	29
Feb	2,489	2,219	10	64	93	101	2
Mar	2,227	1,808	13	42	172	191	1
Apr	2,032	1,531	17	30	63	390	1
May	1,259	1,028	7	66	82	76	-
Jun	1,175	938	18	36	40	140	3
Jul	1,207	828	8	56	254	56	5
Aug	1,079	802	2	38	94	132	11
Sep	1,184	900	5	30	75	172	2
Oct	933	622	2	48	76	185	-
Nov							
Dec							

Source: Statistics Canada, Catalogue No.'s 64-001 and 64-203

\*\* MORE INFORMATION IS AVAILABLE IN ASIST MATRIX 6155 \*\*

11.11 VALUE OF BUILDING PERMITS ISSUED BY TYPE OF STRUCTURE, ALBERTA

	Total	Residential	Industrial	Commercial	Institutional and Government
(Thousands of Dollars)					
1979	3,354,566	1,805,956	149,717	1,107,922	290,971
1984	1,386,289	501,720	98,281	409,826	376,462
1985	1,798,079	669,119	52,352	466,689	609,919
1986	1,840,743	644,763	64,245	667,025	464,710
1987	1,859,962	886,832	145,468	639,191	188,471
1988	2,440,072	933,327	744,177	517,472	245,096
1989	2,647,282	1,369,047	257,255	668,973	352,907
1989	105,932	52,781	2,105	38,595	12,451
Jan	147,814	67,466	8,281	57,300	14,767
Feb	208,798	111,474	6,045	79,656	11,623
Mar	204,474	132,117	5,520	57,001	9,836
Apr	314,247	156,029	21,573	41,261	95,384
May	306,801	135,852	34,932	86,002	50,015
Jun	209,113	121,265	9,918	44,137	33,793
Jul	298,554	103,403	113,181	61,256	20,714
Aug	215,505	116,691	16,183	56,916	25,715
Sep	254,774	145,135	22,635	55,725	31,279
Oct	216,697	125,877	5,096	57,393	28,331
Nov	164,573	100,957	11,786	32,831	18,999
Dec					
1990 (p)	239,896	121,874	15,167	86,861	15,994
Jan	228,927	148,986	31,729	46,454	1,758
Feb	390,791	247,114	22,818	48,156	
Mar	318,909	213,755	28,869	41,384	
Apr	288,410	195,774	8,480	60,843	
May	234,766	132,811	13,060	70,890	
Jun	285,128	120,707	92,389	56,017	
Jul	220,265	116,845	29,988	59,928	
Aug	203,531	108,608	30,658	51,104	
Sep	206,703	116,979	26,235	52,975	
Oct	214,940	81,446	38,948	40,816	
Nov					
Dec					

Source: Statistics Canada, Catalogue No.'s 64-001 and 64-203

\*\* MORE INFORMATION IS AVAILABLE IN ASIST MATRICES 6153 AND 6154 \*\*

11.12 VALUE OF ALL BUILDING PERMITS, ALBERTA AND SELECTED MUNICIPALITIES

	Total Alberta	Calgary CMA (1)	Edmonton CMA (1)	Edmonton City	Grande Prairie	Lethbridge	Medicine Hat	Red Deer	McMurray	Fort McMurray	Camrose	Lloydminster (2)
(Thousands of Dollars)												
1979	3,354,566	1,103,037	985,886	761,723	102,443	47,277	56,979	99,041	57,521	13,796	38,938	
1984	1,386,289	398,415	378,760	319,438	21,789	42,990	29,830	27,084	23,171	8,460	21,899	
1985	1,798,079	474,279	563,184	476,039	19,074	103,377	65,383	38,308	34,452	10,531	33,009	
1986	1,840,743	569,613	640,841	530,819	24,535	42,632	26,602	43,445	9,436	5,239	37,031	
1987	1,859,962	647,568	497,197	386,929	24,453	59,793	29,538	39,466	4,200	23,482	14,615	
1988	2,440,072	660,395	625,739	422,111	21,826	59,623	42,970	50,026	12,304	5,316	28,600	
1989	2,647,282	991,744	898,586	510,412	61,445	44,495	32,201	50,503	4,132	12,131	7,844	
1989												
Jan	105,932	43,941	38,314	24,887	2,250	5,124	545	1,052	128	99	421	
Feb	147,814	75,490	49,357	26,231	2,288	2,120	719	2,150	197	123	258	
Mar	208,798	125,534	45,137	27,383	3,489	2,833	3,272	2,295	3	950	225	
Apr	204,474	98,778	46,476	26,937	2,630	5,568	5,209	5,024	398	327	555	
May	314,247	95,300	96,827	62,098	2,325	3,755	2,646	10,041	566	743	693	
Jun	306,801	86,754	109,457	73,604	29,768	3,877	4,661	..	436	2,502	1,081	
Jul	209,113	68,419	60,706	42,703	12,936	2,734	2,339	..	661	2,101	2,566	
Aug	298,554	66,028	188,726	50,717	1,333	3,282	3,170	2,466	888	1,470	422	
Sep	215,505	70,232	70,859	47,003	857	4,146	2,555	7,502	337	1,151	231	
Oct	254,774	98,058	78,214	45,636	-	2,539	1,303	2,931	276	1,150	974	
Nov	216,697	87,854	65,196	48,544	984	6,764	4,924	3,848	47	852	364	
Dec	164,573	75,356	49,317	34,669	2,585	1,753	858	2,051	195	663	54	
1990 (p)												
Jan	239,896	137,837	62,484	39,062	3,147	6,849	627	2,154	171	267	206	
Feb	228,927	93,646	96,879	69,420	5,252	4,897	7,039	1,393	209	422	102	
Mar	396,791	151,116	149,847	75,493	2,880	4,270	2,573	6,204	360	1,108	860	
Apr	318,909	120,723	97,605	59,050	2,425	5,273	4,262	4,347	513	3,963	5,879	
May	288,410	107,467	102,980	65,604	2,779	4,060	6,078	6,301	757	1,979		
Jun	234,766	78,377	74,493	50,955	1,093	3,831	1,757	3,540	612	561	1,765	
Jul	288,128	61,728	73,979	44,264	1,765	3,466	3,017	5,738	541	726	869	
Aug	220,265	70,234	59,390	41,649	3,165	2,434	2,052	5,822	238	585	1,090	
Sep	203,531	60,070	53,062	36,608	1,679	6,469	1,984	1,872	285	344	1,899	
Oct	206,703	71,231	67,890	51,972	2,932	3,693	2,711	3,454	170	579	1,096	
Nov	214,940	74,347	63,998	41,470	2,196	1,530	1,620	4,669	322	223	518	

Source: Statistics Canada, Catalogue No.'s 64-001 and 64-203

(1) Based on 1986 boundaries beginning January, 1988.

(2) Alberta and Saskatchewan

Note: Some figures may not add due to revisions.

\*\* MORE INFORMATION IS AVAILABLE IN ASIST MATRICES 6153 AND 6154 \*\*

### 11.13 VALUE OF RESIDENTIAL BUILDING PERMITS, ALBERTA AND SELECTED MUNICIPALITIES

	Total Alberta	Calgary CMA (1)	Edmonton CMA (1)	Edmonton City	Grande Prairie	Lethbridge	Medicine Hat	Red Deer	Fort McMurray	Camrose	Lloydminster (2)
(Thousands of Dollars)											
1979	1,805,956	612,102	522,720	403,236	48,869	21,404	29,672	45,902	30,025	5,988	21,671
1984	501,720	125,903	156,189	119,310	4,604	17,728	8,078	10,311	11,331	5,487	13,264
1985	669,119	192,669	200,639	150,811	12,391	12,954	9,063	14,231	17,132	2,367	19,616
1986	644,763	200,418	193,188	136,498	10,669	16,662	15,204	23,204	2,038	2,855	9,431
1987	886,832	349,109	241,480	165,066	11,002	20,383	17,672	30,296	1,632	2,919	5,026
1988	933,327	387,041	304,845	173,342	12,075	24,940	14,304	27,771	3,050	3,466	5,665
1989	1,369,047	636,724	451,760	260,654	12,676	23,079	18,951	23,024	1,640	4,382	2,563
(Thousands of Dollars)											
1989											
Jan	52,781	22,893	20,611	13,849	743	859	304	972	118	46	180
Feb	67,466	34,344	26,201	10,275	860	396	501	1,300	167	97	193
Mar	111,474	56,636	33,294	17,474	1,268	625	2,685	1,636	-	487	175
Apr	132,117	67,964	33,068	17,889	2,145	3,317	3,603	2,065	345	242	484
May	156,029	65,928	55,038	26,825	2,001	2,877	2,353	2,292	143	634	398
Jun	135,852	53,716	48,228	27,976	1,048	2,102	1,610	..	358	324	610
Jul	121,265	48,659	37,405	23,093	1,486	1,710	1,720	..	236	681	82
Aug	103,403	43,389	36,255	20,448	911	1,844	1,924	1,264	50	139	92
Sep	116,691	48,722	43,662	25,911	723	1,519	1,154	3,607	45	631	69
Oct	145,135	70,505	48,511	32,419	-	1,622	876	1,396	178	396	119
Nov	125,877	63,025	39,375	25,203	573	5,189	1,428	1,926	-	502	152
Dec	100,957	60,943	30,112	19,492	918	1,019	793	1,162	-	203	9
(Thousands of Dollars)											
1990 (p)											
Jan	121,874	65,653	41,759	23,122	672	1,350	207	1,414	65	86	130
Feb	148,986	71,978	60,945	33,795	1,286	1,323	1,403	797	60	93	9
Mar	247,114	114,689	88,671	47,290	2,880	3,753	2,229	5,314	135	1,108	164
Apr	213,755	81,082	78,139	45,521	1,802	3,072	3,726	3,596	404	774	419
May	195,774	71,311	74,521	40,593	1,293	3,376	3,180	2,597	643	558	305
Jun	132,811	43,744	46,887	25,552	591	2,563	844	1,737	328	515	260
Jul	120,707	39,205	44,236	24,949	1,187	2,654	1,584	3,922	335	687	194
Aug	116,845	41,987	32,415	21,291	528	1,868	1,593	1,428	111	412	432
Sep	108,608	44,215	29,848	18,694	756	2,270	1,340	1,608	215	314	953
Oct	116,979	48,671	36,329	24,370	795	1,610	1,379	2,458	119	313	706
Nov	81,446	33,776	24,101	13,703	1,015	1,294	1,207	2,105	189	180	509

Source: Statistics Canada, Catalogue No.'s 64-001 and 64-203

(1) Based on 1986 boundaries beginning January, 1988.

(2) Alberta and Saskatchewan

Note: Some figures may not add due to revisions.

\*\* MORE INFORMATION IS AVAILABLE IN ASIST MATRICES 6153 AND 6154 \*\*

## 11.14 VALUE OF BUILDING PERMITS ISSUED BY TYPE OF STRUCTURE, EDMONTON AND CALGARY

	Edmonton CMA (1)					Calgary CMA (1)				
	Resi- dential Total	Indus- trial	Com- mercial	Instit. & Gov't	Total	Resi- dential	Indus- trial	Com- mercial	Instit. & Gov't	
(Thousands of Dollars)										
1979	985,886	522,720	32,761	339,587	90,818	1,103,037	612,102	41,566	418,547	30,822
1984	378,760	156,189	12,918	165,318	44,335	398,415	125,903	22,638	141,745	108,129
1985	563,184	200,639	11,493	211,471	139,581	474,279	192,669	3,721	132,780	145,109
1986	640,841	193,188	22,813	243,976	180,864	569,613	200,418	18,196	248,118	102,881
1987	497,197	241,480	28,133	198,488	29,096	647,568	349,109	9,527	239,398	49,534
1988	625,739	304,845	59,981	180,421	80,492	660,395	387,041	26,661	202,261	44,432
1989	898,586	451,760	144,837	204,098	97,891	991,744	636,724	8,289	287,083	59,648
1989	38,314	20,611	1,444	9,122	7,137	43,941	22,893	23	19,785	1,240
Jan	49,357	26,201	3,426	11,993	7,737	75,490	34,344	12	36,421	4,713
Feb	45,137	33,294	298	7,575	3,970	125,534	56,636	251	65,891	2,756
Mar	46,476	33,068	1,857	10,742	809	98,778	67,964	2,219	27,224	1,371
Apr	96,827	55,038	2,280	11,431	28,078	95,300	65,928	459	20,575	8,338
May	109,457	48,228	10,591	46,329	4,309	86,754	53,716	404	25,514	7,120
Jun	60,706	37,405	1,700	15,350	6,251	68,419	48,659	285	14,067	5,408
Jul	188,726	36,255	109,041	30,810	12,620	66,028	43,389	499	18,022	4,118
Aug	70,859	43,662	5,222	16,076	5,899	70,232	48,722	193	18,721	2,596
Sep	78,214	48,511	3,374	16,673	9,656	98,058	70,505	2,952	22,953	1,648
Oct	65,196	39,375	1,764	17,019	7,038	87,854	63,025	938	13,193	10,698
Nov	49,317	30,112	3,840	10,978	4,387	75,356	60,943	54	4,717	9,642
Dec										
1990 (p)	62,484	41,759	5,842	7,172	7,711	137,837	65,653	1,087	65,781	5,316
Jan	96,879	60,945	19,437	15,830	667	93,646	71,978	6,719	14,841	1,08
Feb	149,847	88,671	2,316	27,692	31,168	151,116	114,689	5,557	26,022	4,848
Mar	97,605	78,139	1,707	8,340	9,419	120,723	81,082	9,307	24,133	6,201
Apr	102,980	74,521	1,522	22,241	4,696	107,467	71,311	4,375	22,830	8,951
May	74,493	46,887	3,525	22,080	2,001	78,377	43,744	365	29,683	4,585
Jun	73,979	44,236	6,318	21,603	1,822	61,728	39,205	890	17,622	4,011
Jul	59,390	32,415	1,427	20,834	4,714	70,234	41,987	4,494	22,215	1,538
Aug	53,062	29,848	2,311	19,374	1,529	60,070	44,215	499	13,357	1,999
Sep	67,890	36,329	6,180	22,961	2,420	71,231	48,671	6	20,741	1,813
Oct	63,998	24,101	3,408	26,940	9,549	74,347	33,776	2,430	9,718	28,423
Nov										
Dec										

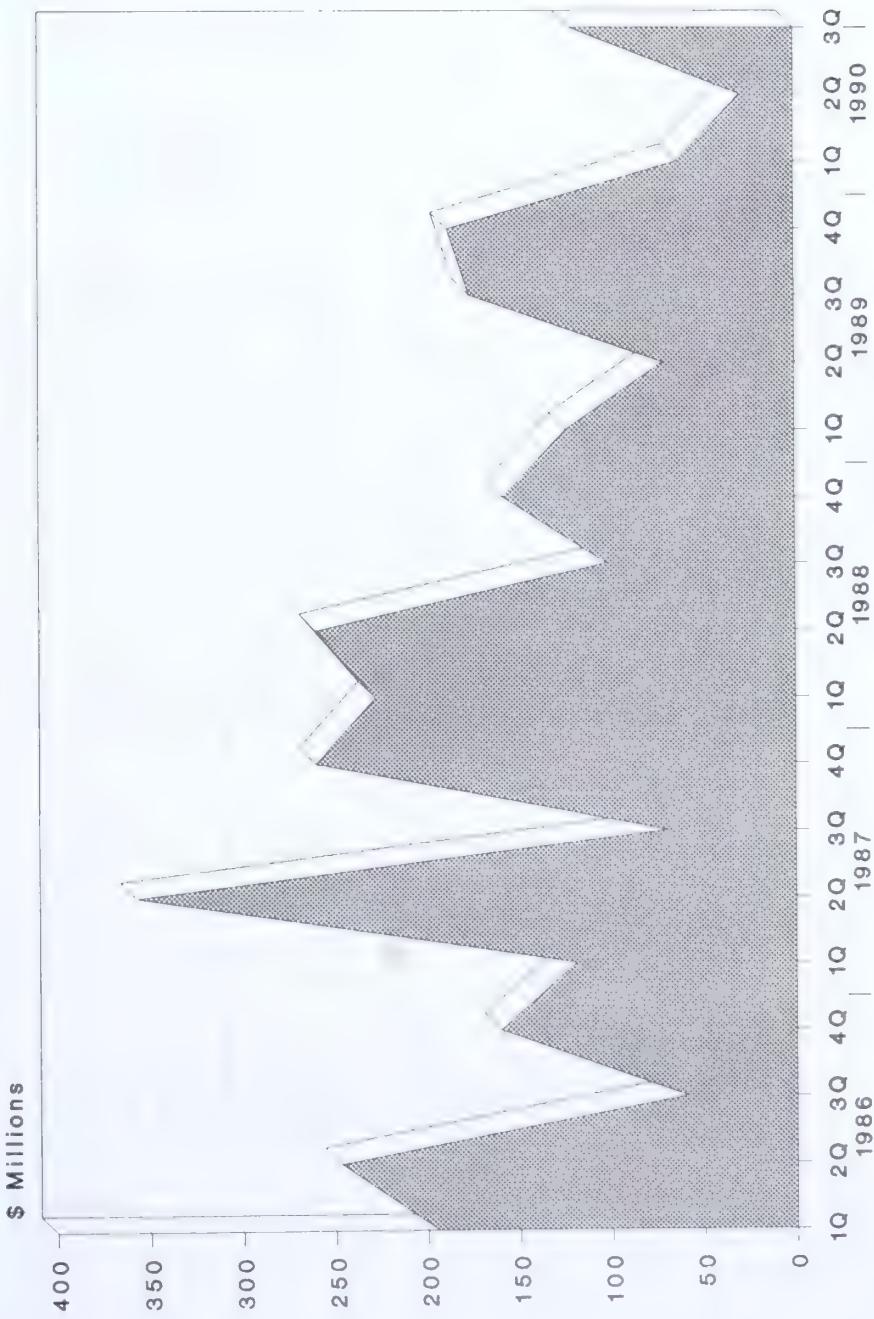
Source: Statistics Canada, Catalogue No. 64-001 and 64-203

(1) Based on 1986 boundaries beginning January, 1988.

\*\* MORE INFORMATION IS AVAILABLE IN ASIST MATRICES 6153 AND 6154 \*\*



**Direct Program Payments  
To Alberta Farmers**



## 12.1 TOTAL FARM CASH RECEIPTS, CANADA AND PROVINCES

	Canada	Nfld.	P.E.I.	N.S.	N.B.	Que.	Ont.	Man.	Sask.	Alta.	B.C.
(Millions of Dollars)											
1979	14,410	26	121	179	141	1,992	4,029	1,340	3,066	2,843	673
1984	20,408	41	191	258	217	3,057	5,252	1,980	4,434	3,984	996
1985	19,690	43	171	257	217	3,097	4,988	2,000	4,056	3,830	1,031
1986	20,415	44	185	271	224	3,253	5,396	2,075	4,144	3,753	1,069
1987	21,073	47	213	297	243	3,283	5,459	2,092	4,354	4,003	1,083
1988 (r)	22,019	55	204	311	253	3,510	5,660	2,058	4,425	4,406	1,137
1989 (r)	22,521	59	254	313	273	3,681	5,669	2,102	4,468	4,533	1,169
1989 (r)											
Jan-Mar	5,986	14	65	75	63	769	1,373	585	1,492	1,272	277
Apr-Jun	4,905	14	75	69	69	992	1,301	384	734	1,005	262
Jul-Sep	5,735	16	47	86	69	880	1,550	565	1,114	1,114	293
Oct-Dec	5,895	15	67	84	71	1,040	1,445	568	1,127	1,142	336
1990 (p)											
Jan-Mar	5,851	14	71	70	67	794	1,320	574	1,364	1,287	290
Apr-Jun	5,122	15	68	70	71	1,047	1,314	483	803	972	280
Jul-Sep	5,493	16	45	89	72	937	1,496	461	1,024	1,037	316

Source: Statistics Canada, Catalogue No.'s 21-001 and 21-603

\*\* MORE INFORMATION IS AVAILABLE THROUGH ASIST IN CANSIM MATRICES 3582-3592 \*\*

## 12.2 FARM CASH RECEIPTS FROM FARMING OPERATIONS, ALBERTA

	Total Cash Receipts	Total Crops	Total Livestock & Products	Direct Payments			
				Total	Crop Insurance	Western Grain Stabilization	Dairy Subsidy
(Thousands of Dollars)							
1979	2,842,961	1,150,301	1,586,795	105,865	28,509	59,525	14,848
1984	3,983,597	1,857,447	1,794,507	331,643	202,602	59,338	19,499
1985	3,830,164	1,543,654	1,810,853	475,657	251,239	138,317	18,591
1986	3,752,856	1,317,280	1,774,491	661,085	160,135	225,438	18,878
1987	4,003,055	1,298,372	1,899,161	805,522	135,435	368,036	18,799
1988 (r)	4,405,623	1,605,245	2,052,091	748,287	173,381	179,583	19,010
1989 (r)	4,532,762	1,826,389	2,146,341	560,032	193,705	55,650	18,467
1989 (r)	1,272,016	689,222	458,320	124,474	13,728	55,650	4,541
Jan-Mar	1,004,643	361,015	572,546	71,082	630	-	4,758
Apr-Jun	1,114,272	368,059	570,004	176,209	70,812	-	4,264
Jul-Sep	1,141,831	408,093	545,471	188,267	108,535	-	4,904
Oct-Dec							74,828
1990 (p)	1,286,511	660,525	562,340	63,646	31,011	-	4,470
Jan-Mar	971,977	322,224	620,347	29,406	1,379	-	4,738
Apr-Jun	1,037,022	329,681	586,530	120,811	14,423	-	4,013
Jul-Sep							102,375
Oct-Dec							

Source: Statistics Canada, Catalogue No.'s 21-001 and 21-603

\*\* MORE INFORMATION IS AVAILABLE THROUGH ASIST IN CANSIM MATRIX 3582 \*\*

### 12.3 FARM CASH RECEIPTS FROM CROPS, ALBERTA

	(1) Total Crops	(2) Wheat	Oats	Barley	Rye	Flaxseed	Canola	Sugar Beets	Potatoes	Vegetables	& Nursery	Flori- culture	Other Crops
(Thousands of Dollars)													
1979	1,150,301	370,529	14,342	222,281	12,545	17,837	329,141	21,163	14,970	11,072	19,762	25,550	
1984	1,857,447	903,725	24,005	291,770	13,951	7,040	399,484	17,820	25,103	23,552	23,258	39,723	
1985	1,543,654	562,617	17,585	199,227	4,737	7,279	342,626	3,337	27,175	25,948	24,213	43,298	
1986	1,317,280	444,482	16,323	300,879	4,645	5,534	267,781	9,001	30,762	29,301	23,532	69,772	
1987	1,298,372	555,203	19,219	225,942	4,743	6,012	314,500	12,680	35,293	29,588	29,028	59,939	
1988 (r)	1,605,245	612,571	61,636	247,503	7,723	7,217	438,759	19,380	41,484	30,913	33,773	78,604	
1989 (r)	1,826,389	561,719	89,650	349,992	5,808	6,738	415,783	23,342	41,798	34,280	33,119	68,670	
1989 (r)													
Jan-Mar	689,222	136,379	35,636	97,153	1,104	930	123,308	2,432	10,793	7,252	5,445	9,918	
Apr-Jun	361,015	99,719	23,277	114,081	829	449	92,067	2,027	6,980	6,972	12,301	7,486	
Jul-Sep	368,059	150,692	16,302	70,967	2,703	1,644	110,637	2,567	11,600	12,070	6,911	11,853	
Oct-Dec	408,093	174,929	14,435	67,791	1,172	3,715	89,771	16,316	12,425	7,986	8,462	39,413	
1990 (p)													
Jan-Mar	660,525	181,687	15,429	79,260	1,508	2,836	101,131	2,745	10,663	7,692	5,881	10,743	
Apr-Jun	322,224	184,625	11,433	48,479	1,393	1,328	55,096	2,745	7,980	7,254	13,284	6,930	
Jul-Sep	329,681	173,485	6,170	43,458	1,313	1,230	90,087	2,246	9,228	12,724	7,464	14,622	

Source: Statistics Canada, Catalogue No.'s 21-001 and 21-603

(1) Total Crops includes all Canada Wheat Board payments, deferred grain receipts and liquidation of deferred grain receipts.

(2) Includes Durum Wheat.

\*\* MORE INFORMATION IS AVAILABLE THROUGH ASSIST IN CANSIM MATRIX 3582 \*\*

## 12.4 FARM CASH RECEIPTS FROM LIVESTOCK AND PRODUCTS, ALBERTA

	Total Livestock & Products	Cattle & Calves	Hogs	Sheep & Lambs	Dairy Products	Poultry	Eggs	Honey	Other Livestock & Products
(Thousands of Dollars)									
1979	1,586,795	1,178,929	162,123	3,225	123,108	61,227	31,371	13,027	13,785
1984	1,794,507	1,163,579	244,127	7,708	213,969	91,868	42,033	14,353	16,870
1985	1,810,853	1,181,405	248,331	6,800	215,637	88,570	41,399	11,906	16,805
1986	1,774,491	1,104,415	279,016	7,171	223,658	83,720	42,091	12,982	21,438
1987	1,899,161	1,210,858	285,202	8,211	221,104	92,129	42,067	12,500	27,090
1988 (r)	2,052,091	1,388,192	248,711	6,924	238,186	88,051	44,199	10,138	27,690
1989 (r)	2,146,341	1,466,140	249,591	7,430	246,982	96,410	45,466	9,000	25,322
1989 (r)									
Jan-Mar	458,320	302,684	56,620	1,284	60,580	18,213	11,251	1,045	6,643
Apr-Jun	572,546	402,968	63,244	1,628	63,499	22,865	11,540	-	6,802
Jul-Sep	570,004	388,479	65,510	2,518	60,719	29,987	11,366	5,447	5,978
Oct-Dec	545,471	372,009	64,217	2,000	62,184	25,345	11,309	2,508	5,899
1990 (p)									
Jan-Mar	562,340	387,325	69,844	1,495	62,615	20,659	11,311	950	8,141
Apr-Jun	620,347	423,269	83,932	1,369	66,129	25,478	11,948	-	8,222
Jul-Sep	586,530	385,886	77,709	2,398	64,484	31,452	11,834	5,687	7,080
Oct-Dec									

Source: Statistics Canada, Catalogue No.'s 21-001 and 21-603

\*\* MORE INFORMATION IS AVAILABLE THROUGH ASSIST IN CANSIM MATRIX 3582 \*\*

## 12.5 ALBERTA FARMS VALUE OF CAPITAL, INCOME, FARM OPERATIONS AND FARM DEBT

	1979	1984	1985	1986	1987	1988(r)	1989(r)
(Millions of Dollars)							
Value of Farm Capital (as of July 1)	26,948	32,554	30,496	28,586	27,932	27,580	29,897
Livestock and Poultry (1)	2,478	2,590	2,333	2,430	2,743	2,868	2,975
Land and Buildings	21,172	24,966	23,020	20,774	19,818	19,303	21,329
Implements and Machinery	3,297	4,998	5,143	5,382	5,371	5,409	5,593
Net Farm Income							
Net Cash Income (2)	1,064	1,079	928	1,013	1,263	1,516	1,410
Total Cash Receipts	2,843	3,984	3,830	3,753	4,003	4,406	4,533
Operating Expenses After Rebates	1,779	2,905	2,902	2,740	2,741	2,890	3,123
Income-in-Kind	28	20	19	25	26	26	25
Depreciation Charges	504	676	669	670	666	667	698
Realized Net Income (3)	588	422	278	369	623	874	737
Value of Inventory Change	63	-320	-25	499	-28	44	64
Total Net Income	651	102	253	867	595	918	801
Farm Operating Expenses and Depreciation Charges							
Total Expenses after Rebates	2,283	3,581	3,571	3,410	3,407	3,557	3,821
Operating Expenses after Rebates	1,779	2,905	2,902	2,740	2,741	2,890	3,123
Net Property Taxes	41	66	67	69	69	72	76
Cash and Share Rent	124	198	183	179	141	168	179
Cash Wages	98	218	248	263	283	266	283
Net Interest	307	427	413	413	419	436	448
Net Machinery Fuel	151	300	303	158	198	197	200
Machinery Repairs and Others	178	268	291	306	294	303	329
Net Fertilizer	179	336	319	287	249	252	272
Net Pesticides	61	141	147	146	131	143	151
Net Commercial Feed	187	326	317	255	194	273	291
Livestock Purchases	154	141	122	143	233	228	261
Other	300	484	492	522	530	552	633
Depreciation Charges	504	676	669	670	666	667	698
Building Depreciation	91	101	93	84	80	78	87
Machinery Depreciation	413	575	575	586	586	588	612
Total Rebates	7	56	84	199	116	87	84
Farm Debt Outstanding (as of December 31)							
Chartered Banks Including FILA Loans	3,067	5,175	5,353	5,550	5,498	5,604	5,823
Federal Gov't Agencies (FCC, VLA, FBDB)	1,490	2,009	2,085	2,281	2,354	2,385	2,612
Provincial Gov't Agencies (Incl. Alta. Treasury Branch)	604	855	836	755	663	569	487
Credit Unions	407	1,443	1,568	1,692	1,698	1,793	1,888
Insurance, Trust and Loan Companies	205	201	201	187	181	186	197
Private Individuals and Others (4)	25	19	17	19	19	22	23
Advance Payment Programs	330	629	600	522	495	519	613
	7	19	47	95	88	130	13

Source: Statistics Canada, Catalogue No. 21-603

(1) Includes value of animals on farms.

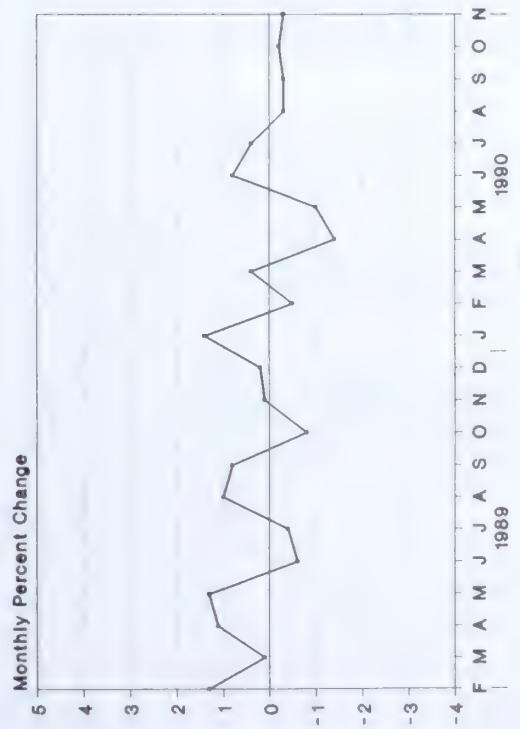
(2) Total Cash Receipts less Operating Expenses after Rebates.

(3) Net Cash Income plus Income-in-Kind less Depreciation Charges.

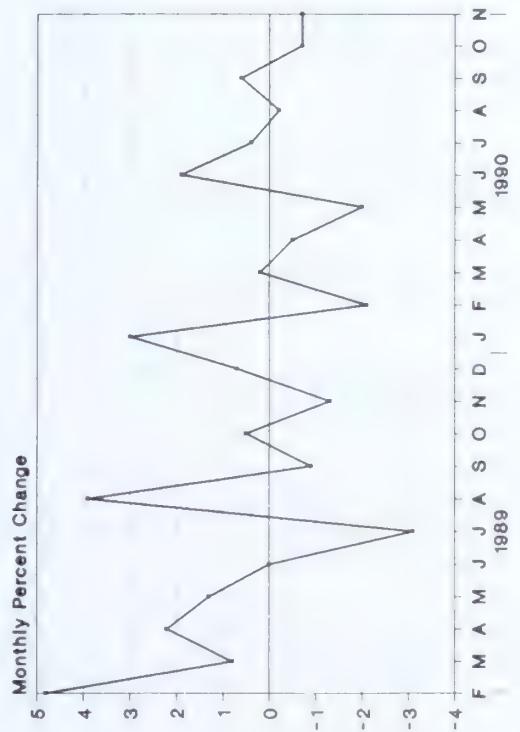
(4) Includes supply companies, financial companies, dealers, stores and other unclassified credit sources.

\*\* MORE INFORMATION IS AVAILABLE ASIST IN CANSIM MATRICES 235, 258, 271, 3602, AND 5678 \*\*

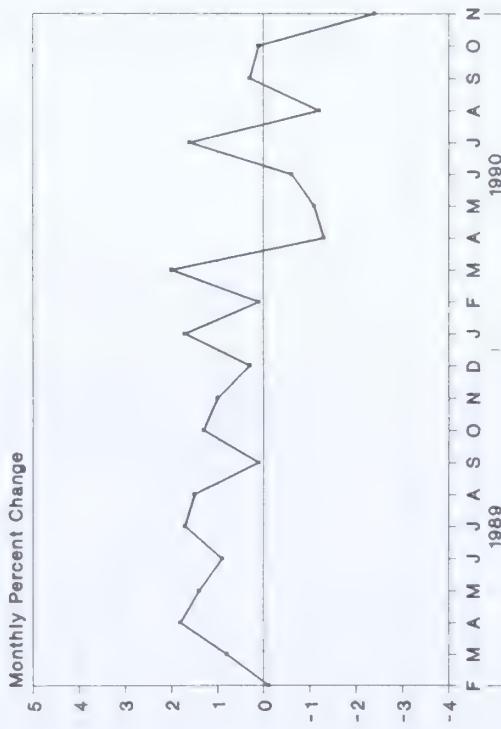
### Canada Retail Sales\*



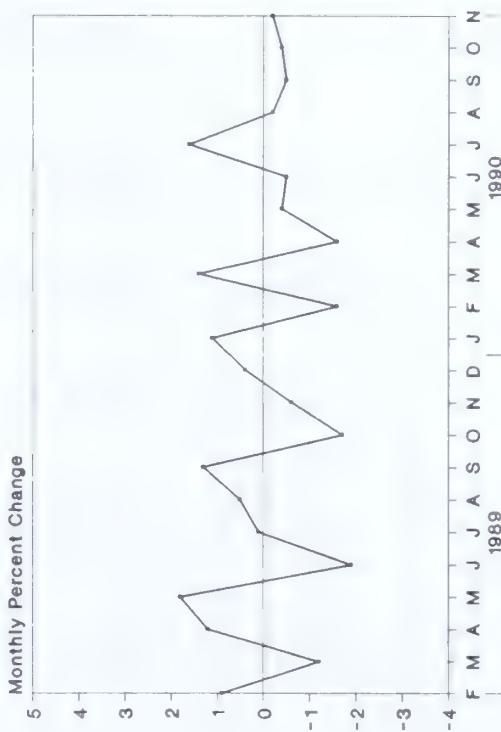
### Alberta Retail Sales\*



### British Columbia Retail Sales\*



### Ontario Retail Sales\*



\* Seasonally Adjusted

### 13.1 RETAIL TRADE, CANADA AND PROVINCES (NOT SEASONALLY ADJUSTED)\*

	Canada	Nfld.	P.E.I.	N.S.	N.B.	Que.	Ont.	Man.	Sask.	Alta.	B.C.	Yukon and N.W.T.
(Millions of Dollars)												
1989*												
	192,720	3,509	800	6,271	4,832	47,958	73,125	6,821	6,193	19,249	23,438	530
1989*												
Jan	12,639	223	49	409	306	3,055	4,920	438	424	1,236	1,547	33
Feb	12,579	225	48	384	306	3,079	4,847	440	424	1,286	1,506	34
Mar	15,276	276	60	491	378	3,905	5,729	525	499	1,551	1,824	39
Apr	16,088	290	65	511	396	4,190	6,107	558	517	1,577	1,837	40
May	17,452	321	72	563	426	4,553	6,580	619	556	1,730	1,988	45
Jun	17,361	317	76	552	446	4,408	6,560	606	553	1,749	2,046	49
Jul	15,883	288	75	528	407	3,908	6,009	553	501	1,561	2,005	48
Aug	16,452	305	76	554	422	4,084	6,111	582	524	1,672	2,074	49
Sep	16,291	294	67	526	409	4,075	6,158	581	520	1,608	2,007	46
Oct	16,087	284	64	517	414	4,031	6,032	583	518	1,621	1,977	45
Nov	16,899	313	67	558	433	4,086	6,439	617	545	1,688	2,107	47
Dec	19,713	373	81	678	489	4,584	7,633	719	612	1,970	2,520	55
1990*(p)												
Jan	13,704	237	52	441	331	3,287	5,164	487	460	1,420	1,788	37
Feb	13,124	240	50	438	324	3,213	4,862	474	418	1,355	1,715	36
Mar	16,281	292	61	530	399	4,040	6,074	562	503	1,634	2,144	43
Apr	15,845	288	63	510	395	4,053	5,821	574	507	1,589	2,005	42
May	17,443	317	71	561	444	4,464	6,469	623	548	1,718	2,179	49
Jun	17,322	316	74	564	457	4,280	6,454	624	573	1,749	2,180	50
Jul	16,110	305	73	546	419	3,880	5,997	577	525	1,619	2,123	46
Aug	16,627	323	72	562	428	4,066	6,128	594	554	1,681	2,172	47
Sep	15,629	288	63	499	393	3,827	5,839	561	509	1,592	2,013	44
Oct	16,219	295	64	529	408	3,936	6,082	583	550	1,659	2,068	45
Nov	16,879	326	70	573	448	4,006	6,397	624	572	1,698	2,120	46

Source: Statistics Canada, Catalogue No. 63-005

\* Data presented here are estimates derived from a new retail trade survey. Refer to Appendix 2 for further information.

\*\* MORE INFORMATION IS AVAILABLE THROUGH ASSIST IN CANSIM MATRIX 2400 \*\*

13.2 RETAIL TRADE, CANADA AND PROVINCES (SEASONALLY ADJUSTED)\*

	Canada	Nfld.	P.E.I.	N.S.	N.B.	Que.	Ont.	Man.	Sask.	Alta.	B.C.	Yukon and N.W.T.
(Millions of Dollars)												
1989*												
Jan	287	66	515	388	3,882	6,037	538	516	1,493	1,850	42	
Feb	286	66	486	389	3,911	6,090	552	524	1,565	1,849	43	
Mar	287	66	513	395	3,966	6,019	551	526	1,577	1,863	42	
Apr	292	67	517	404	4,035	6,088	562	518	1,612	1,896	43	
May	293	66	532	401	4,035	6,195	587	519	1,633	1,922	44	
Jun	296	67	519	410	4,036	6,078	564	511	1,633	1,940	44	
Jul	286	67	525	403	3,932	6,083	572	507	1,583	1,972	44	
Aug	294	67	534	408	4,001	6,116	576	514	1,644	2,002	46	
Sep	300	68	533	411	4,055	6,193	579	520	1,629	2,004	44	
Oct	292	67	528	413	4,054	6,090	579	514	1,637	2,030	45	
Nov	297	66	527	406	4,021	6,056	579	512	1,616	2,051	46	
Dec	300	68	540	404	4,030	6,081	582	512	1,628	2,057	45	
1990* (p)												
Jan	299	67	540	408	4,077	6,145	585	540	1,677	2,091	47	
Feb	304	68	550	410	4,064	6,049	591	514	1,642	2,094	45	
Mar	300	68	544	416	4,031	6,136	584	517	1,646	2,135	46	
Apr	296	66	530	410	3,957	6,038	584	520	1,638	2,107	46	
May	286	65	521	412	3,915	6,016	583	505	1,605	2,084	46	
Jun	297	65	535	419	3,958	5,986	585	525	1,636	2,071	45	
Jul	300	66	546	415	3,923	6,084	597	535	1,643	2,103	43	
Aug	307	64	534	408	3,953	6,070	580	537	1,640	2,077	44	
Sep	301	66	525	409	3,923	6,042	578	529	1,650	2,083	43	
Oct	300	65	532	398	3,891	6,015	570	530	1,639	2,086	45	
Nov	305	67	538	416	3,913	6,004	580	537	1,628	2,035	45	
Dec												

Source: Statistics Canada, Catalogue No. 63-005

\* Data presented here are estimates derived from a new retail trade survey. Refer to Appendix 2 for further information.

\*\* MORE INFORMATION IS AVAILABLE THROUGH ASIST IN CANSIM MATRIX 2399 \*\*

### 13.3 NEW MOTOR VEHICLE SALES, ALBERTA

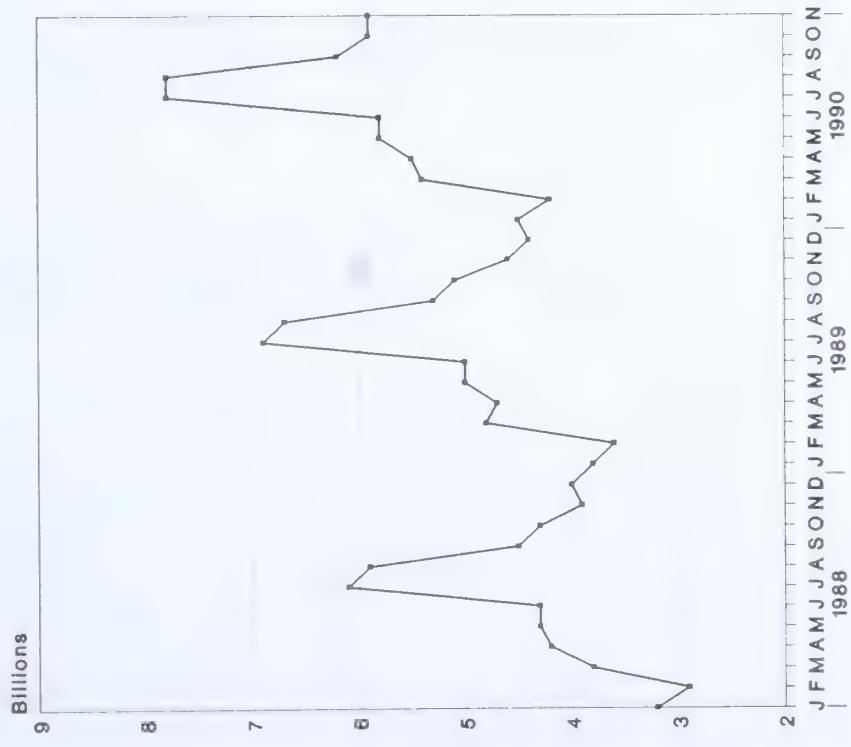
	Commercial Vehicles				Passenger Cars				Commercial Vehicles					
	Total Vehicles		Passenger Cars		Total Vehicles		Passenger Cars		Total Vehicles		Passenger Cars			
	Number	Value	Number	Value	Number	Value	Number	Value	Number	Value	Number	Value		
(Year-to-Date)														
1980					165,848	1,728,770	91,382	808,616	74,466	920,154				
1985					149,394	2,128,257	89,763	1,152,841	59,631	975,416				
1986					141,953	2,189,964	86,728	1,230,897	55,225	959,067				
1987					131,687	2,220,173	77,670	1,190,623	54,017	1,029,550				
1988					137,284	2,515,316	75,508	1,229,082	61,776	1,286,234				
1989					137,889	2,647,672	74,248	1,278,545	63,641	1,369,127				
1990					134,995	2,708,772	71,567	1,269,149	63,428	1,439,623				
1989					79,760	8,033	151,441	4,297	71,681	3,736	79,760			
Jan	151,441	71,681	3,736	4,297	93,871	17,163	323,572	8,953	149,941	8,210	173,631			
Feb	172,131	4,656	78,260	4,474	5,599	119,390	29,436	555,951	15,627	262,930	13,809	293,021		
Mar	232,379	6,674	112,989	5,477	148,231	7,016	149,378	45,023	853,560	24,198	411,161	20,825	442,399	
Apr	297,609	8,571	147,772	7,106	153,923	60,689	1,155,255	32,758	558,933	27,931	596,322			
May	301,695	8,560	134,060	5,976	128,448	74,374	1,417,763	40,467	692,993	33,907	724,770			
Jun	262,508	7,709	89,306	4,530	94,529	95,276	84,094	1,602,345	45,657	782,299	38,437	820,046		
Jul	184,582	5,190	103,136	4,529	108,641	4,910	106,264	105,767	2,017,304	51,649	885,435	42,966	916,964	
Aug	200,054	5,992	6,242	5,774	122,845	117,927	2,249,681	64,277	1,103,608	57,891	994,076	47,876	1,023,228	
Sep	214,905	6,242	109,532	5,717	126,354	129,236	2,472,755	69,869	1,200,328	59,367	53,650	59,367	1,146,073	
Oct	232,377	5,592	96,720	4,274	96,700	137,889	2,647,672	74,248	1,278,545	75,1567	1,272,427	63,641	1,369,127	
Nov	223,074	4,379	174,917	4,274										
Dec														
1990														
Jan	196,562	4,848	85,055	4,959	111,507	9,807	196,562	4,848	85,055	4,959	111,507			
Feb	183,459	4,542	80,459	4,359	103,000	18,708	380,021	9,390	165,514	9,318	214,507			
Mar	254,481	6,660	119,193	6,003	135,288	31,371	634,502	16,050	284,707	15,321	349,795			
Apr	259,265	6,323	114,300	6,252	144,965	43,946	893,767	22,373	399,907	21,573	494,760			
May	257,5	7,751	140,248	6,592	149,835	58,289	1,183,850	30,124	539,255	28,165	644,595			
Jun	290,083	8,056	142,635	5,857	125,981	72,202	1,452,466	38,180	681,890	34,022	770,576			
Jul	268,616	8,056	104,461	5,044	113,814	83,219	1,670,741	44,153	786,351	39,066	884,390			
Aug	224,893	6,075	105,931	5,315	118,962	94,669	1,895,634	50,228	892,282	44,381	1,003,352			
Sep	195,190	5,483	94,853	4,444	100,337	104,536	2,090,824	55,711	987,135	48,825	1,103,689			
Oct	237,439	6,498	116,006	5,346	121,433	116,380	2,328,263	62,209	1,103,141	54,171	1,225,122			
Nov	198,029	5,163	90,624	4,725	107,405	126,268	2,526,292	67,372	1,193,765	58,896	1,332,527			
Dec	182,480	4,384	75,384	4,532	107,096	134,995	2,708,772	71,567	1,269,149	75,1567	1,439,623			

Source: Statistics Canada, Catalogue No. 63-007

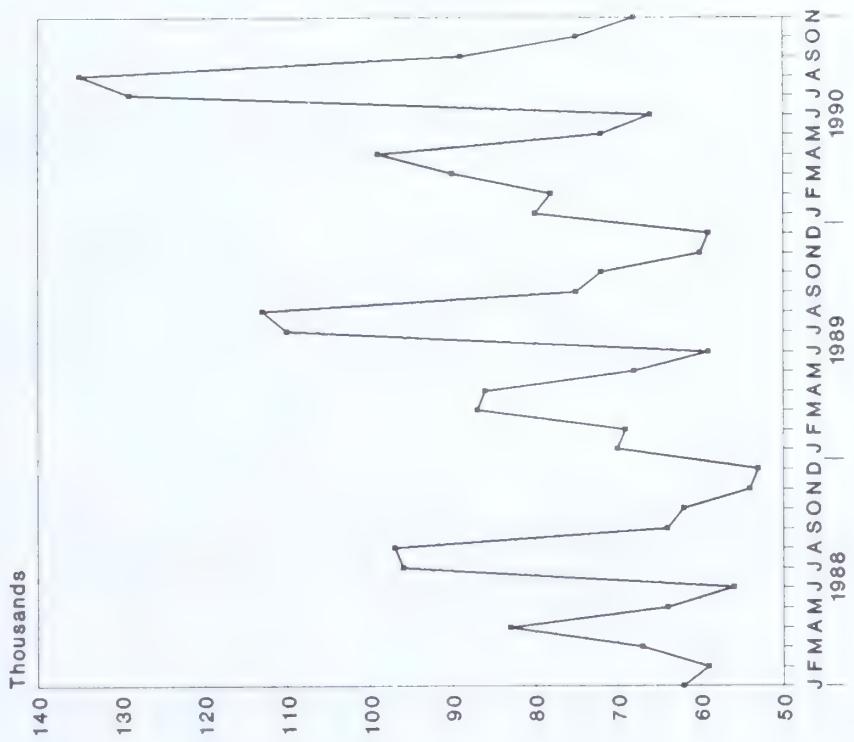
Note: Dollar values are in thousands.

\*\* MORE INFORMATION IS AVAILABLE IN ASIST MATRIX 6257 \*\*

**Canadian Travellers Returning to Canada  
From United States**



**Canadian Travellers Returning To Alberta  
From United States**



**14.....TRAVEL**

## 14.1 TRAVELLERS AND VEHICLES ENTERING CANADA AND ALBERTA

	Entering Canada			Entering Alberta		
	United States Visitors	Overseas Visitors	United States Visitors	Overseas Visitors	Canadian Residents Returning From Overseas	Canadian Residents Returning From United States
(Number)						
1979	31,191,590	2,010,632	416,050	97,800	84,774	740,903
32,977,759	1,887,222	442,183	83,473	125,503	747,371	98,497
34,117,379	1,808,038	457,691	73,985	118,497	733,943	109,871
38,199,514	2,259,827	477,510	82,001	105,101	709,673	108,456
36,952,614	2,642,636	510,279	96,635	118,247	777,652	117,394
36,147,055	3,105,860	560,527	119,591	110,312	814,635	119,455
34,705,087	3,276,838	515,172	114,398	120,725	927,718	113,415
1980	1,731,446	115,544	16,311	2,685	12,321	69,555
Jan	1,619,499	108,493	17,181	2,906	13,103	69,189
Feb	2,100,250	154,122	24,046	4,568	10,606	2,693
Mar	2,173,575	177,710	22,571	4,824	87,079	3,971
Apr	2,930,711	306,270	33,641	11,626	85,734	4,480
May	3,796,024	390,764	72,161	18,168	9,891	67,989
Jun	5,367,594	545,543	118,049	21,871	8,171	59,326
Jul	5,179,789	528,775	93,426	19,521	9,966	109,986
Aug	3,390,755	390,545	49,863	14,792	14,498	113,217
Sep	2,527,788	236,816	25,910	5,414	8,492	21,863
Oct	2,005,621	150,460	19,086	3,175	6,742	12,382
Nov	1,882,035	171,796	22,927	4,848	59,825	5,755
Dec					7,462	3,655
1981	1,730,393	122,121	18,024	3,120	12,027	80,060
Jan	1,606,230	115,706	17,742	3,395	10,815	77,939
Feb	2,068,105	148,299	24,475	3,621	12,363	90,345
Mar	2,266,947	198,495	22,263	5,569	12,122	99,053
Apr	2,943,752	300,288	34,446	9,949	9,805	72,345
May	3,882,219	396,470	73,127	15,903	8,070	65,548
Jun	5,105,334	529,681	125,228	22,483	9,420	128,814
Jul	5,249,922	524,011	94,682	18,589	13,485	135,226
Aug	3,277,478	375,506	48,731	12,799	9,247	88,989
Sep	2,529,217	231,850	25,358	5,337	8,911	12,008
Oct	2,102,882	139,614	18,275	2,755	9,492	4,831
Nov						3,183
Dec						67,746

Source: Statistics Canada, Catalogue No.'s 66-001 and 66-201

\*\* MORE INFORMATION IS AVAILABLE THROUGH ASIST IN CANSIM MATRICES 2661, 2670 AND 2692 \*\*

## 14.2 AIR PASSENGERS BY TYPE OF SERVICE, EDMONTON AND CALGARY AIRPORTS

	Total	Major Scheduled Services	Regional & Local Scheduled Services	Major Charter Services
	(Number)			
Calgary International Airport				
1987	4,049,357	4,133,951	283,286	132,560
1988	4,549,797	3,793,576	542,382	139,269
1989 (p)	4,475,227	904,299	118,651	57,470
Jan-Mar	1,080,420	953,360	136,261	23,660
Apr-Jun	1,113,281	1,095,862	140,490	27,771
Jul-Sep	1,264,123	840,055	146,980	30,368
Oct-Dec	1,017,403			
1990 (p)				
Jan-Mar	1,066,293	878,622	145,441	42,230
Apr-Jun	1,180,335	1,004,623	149,783	25,929
Jul-Sep				
Oct-Dec				
Edmonton International Airport				
1987	1,928,489	1,913,056	50,829	108,469
1988	2,072,354	1,796,521	53,577	138,680
1989 (p)	1,988,778	480,609	409,555	59,573
Jan-Mar		487,351	451,873	11,481
Apr-Jun		569,554	524,322	12,804
Jul-Sep		451,264	410,771	17,677
Oct-Dec				11,615
1990 (p)				
Jan-Mar	481,215	434,211	10,052	27,878
Apr-Jun	505,661	477,478	13,334	14,849
Jul-Sep				
Oct-Dec				
Edmonton Municipal Airport				
1987	845,811	676,501	288,469	59
1988	988	965,029	487,784	141
1989 (p)	1,029,713	263,160	153,063	70
Jan-Mar		260,890	135,385	-
Apr-Jun		238,208	119,337	-
Jul-Sep		267,455	134,003	71
Oct-Dec				
1990 (p)				
Jan-Mar	268,929	129,629	138,201	1,099
Apr-Jun	255,824	125,014	129,945	325
Jul-Sep				
Oct-Dec				

Source: Statistics Canada, Catalogue No.'s 51-004 and 51-005

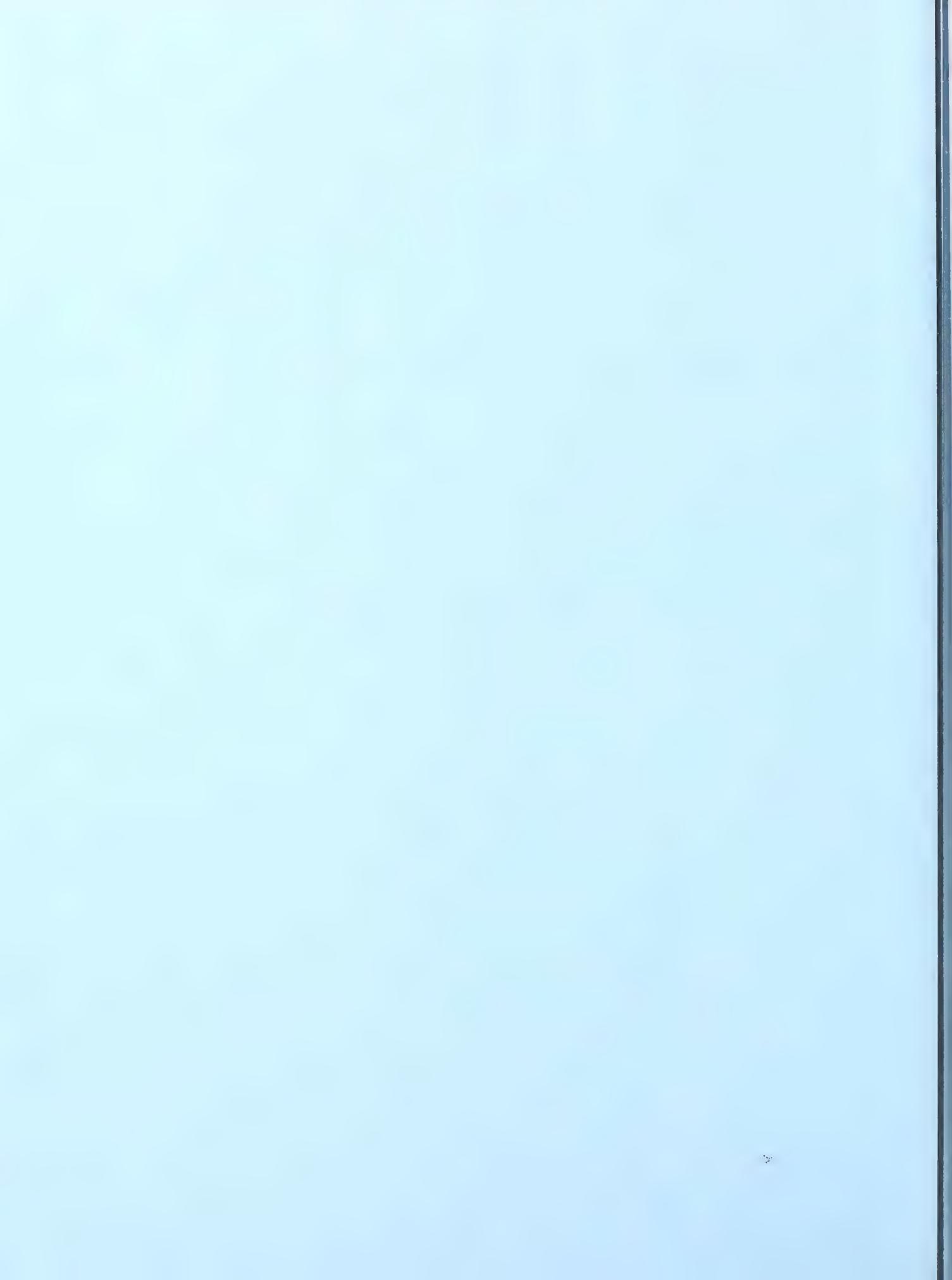
Note: Some figures may not add due to revision process.

### 14.3 PASSENGER COUNTS FOR NATIONAL PARKS, ALBERTA

	Total	Banff (East Gate)	Banff (David Thompson)	Jasper	Elk Island	Waterton Lakes
						(Number)
(Number)						
1980	8,095,644	4,657,849	215,692	2,109,393	433,946	678,520
1985	7,302,878	4,164,464	210,837	1,989,943	327,911	609,723
1986	7,612,022	4,244,181	218,398	2,222,641	343,637	583,165
1987	7,720,752	4,343,386	215,024	2,162,835	374,515	624,992
1988	8,324,623	4,868,335	204,640	2,292,359	371,430	587,859
1989	8,761,740	5,202,717	216,037	2,413,555	377,643	551,788
1990	8,784,421	5,238,079	247,126	2,403,465	375,546	520,205
1989						
Jan	405,275	285,112	3,332	90,917	18,064	7,850
Feb	394,536	279,525	5,100	85,344	16,003	8,564
Mar	605,926	416,407	8,757	149,545	20,826	10,391
Apr	581,160	384,075	9,825	148,320	26,656	12,284
May	745,539	453,607	15,500	188,678	40,966	46,788
Jun	930,561	508,950	25,575	263,376	49,984	82,676
Jul	1,389,134	712,492	50,608	420,955	59,427	145,652
Aug	1,340,705	682,930	48,825	425,196	48,275	135,479
Sep	852,543	474,600	22,875	253,872	39,968	61,228
Oct	593,467	359,057	13,640	166,879	30,726	23,165
Nov	404,007	278,100	4,275	99,072	14,422	8,138
Dec	518,887	367,862	7,725	121,401	12,326	9,573
1990						
Jan	450,769	329,325	3,787	100,707	16,950	..
Feb	445,078	317,582	4,762	102,216	20,518	..
Mar	591,806	411,207	8,922	141,426	20,739	9,512
Apr	656,576	423,970	16,285	167,337	25,665	23,319
May	753,836	433,772	26,895	201,511	45,386	46,272
Jun	922,911	498,442	27,412	271,046	48,048	77,963
Jul	1,347,484	686,037	53,718	401,131	55,581	151,017
Aug	1,347,107	703,592	52,695	419,760	46,775	124,285
Sep	861,044	481,425	27,730	248,453	46,208	57,228
Oct	571,066	365,315	14,868	150,525	23,248	17,110
Nov	391,415	274,760	5,770	89,822	13,622	7,441
Dec	445,329	312,652	4,282	109,531	12,806	6,058

Source: Visitor Services, Parks Canada

# **DEFINITIONS**



## DEFINITIONS

### **ASIST**

ASIST (Alberta Statistical Information System) is a publicly accessible on-line information system for the retrieval, manipulation and dissemination of socio-economic data. ASIST has been developed in response to an ever-increasing need for a single source of timely and reliable information which is readily accessible to government departments and agencies, businesses and the general public.

ASIST contains current and historical statistical information on a wide range of subjects including population, energy, trade and commerce, prices, manufacturing, finance and construction. In general, this statistical information focuses on Alberta and its various geographical areas. The Alberta Bureau of Statistics is solely responsible for co-ordinating the entry, maintenance and updating of all data within ASIST. Where applicable, ASIST matrix numbers have been provided at the bottom of the tables. As well, many of the other statistical series presented in this publication are available on the CANSIM Mini-Base and can be retrieved through ASIST.

### **Average Weekly Earnings**

Average weekly earnings represent gross pay before deductions for taxes, unemployment insurance contributions, etc. This includes salaries, straight-time wages, piece-work and regular commission earnings, regular paid incentives, cost of living and other bonuses, payments to persons absent with pay in the survey reference week and overtime earnings (all pay received for the number of hours worked in excess of the standard workday or workweek). The payroll concept does not include supplementary labour costs.

All employees include salaried employees, employees paid by the hour and those employees whose basic remuneration is in the form of commission, piece rates, mileage allowances, etc.

Beginning January, 1987, changes to the survey were implemented involving the survey sampling frame. For further information, consult the May, 1987 issue of Statistics Canada Catalogue No. 72-002, "Employment, Earnings and Hours."

### **Bank Rate**

The Bank Rate is the minimum rate at which the Bank of Canada makes short-term advances to the chartered banks or to savings banks governed by the Quebec Savings Bank Act and after 1-Dec-80, to all members of the Canadian Payments Association. Data shown are for the last Wednesday in the reference month.

### **Building Permits**

#### Residential Building Permits - Number of Dwelling Units Created

##### **1. Single**

Refers to structures containing only one dwelling unit completely separated from any other dwelling or structure.

##### **2. Cottages**

Refers to seasonal dwellings such as summer homes and house-boats.

##### **3. Double**

Refers to dwellings found in structures containing two dwelling units such as duplexes and semi-detached dwellings.

##### **4. Row**

Refers to one-family dwellings in a structure of three or more attached dwellings.

##### **5. Apartments**

Refers to all multiple housing with three or more units such as triplexes, quadruplexes, row duplexes as well as apartments proper. Flats which are part of a non-residential structure are also included.

##### **6. Conversions**

Refers to dwelling units added by conversion of existing structures.

#### Residential Building Permits - Value

Value of building permits issued for residential construction including residential garages, swimming pools, alterations and improvements.

#### Non-Residential Building Permits - Value

Value of building permits issued for new construction, alterations and improvements for industrial, commercial, institutional and government construction.

##### 1. Industrial Building Permits

Includes buildings used for manufacturing and processing; transportation, communication and other utilities; agriculture; forestry; and mine and mine mill buildings.

##### 2. Commercial Building Permits

Includes stores, warehouses, garages, office buildings, theatres, hotels, funeral parlours, beauty salons and miscellaneous commercial (signs, posters, heating and plumbing installations, etc.).

##### 3. Institutional and Government Building Permits

Includes expenditures made by the community, public and government for buildings and structures - schools, universities, hospitals, clinics, churches, homes for the aged, blind, deaf and dumb, government office and administration buildings, law enforcement, etc.

### CANSIM

CANSIM is the name given to Statistics Canada's computerized data base. It is often termed a general purpose data bank offering a detailed and conceptually compatible set of aggregate data pertaining to a large number of interrelated fields. CANSIM contains over 60,000 timeseries of socio-economic information. An example of a timeseries would be monthly retail sales for Alberta.

Most of the information contained in this publication is available on CANSIM. For your convenience we have provided CANSIM matrix numbers at the bottom of applicable tables.

### Census Division (CD)

According to 1981 Census boundaries, Alberta is divided into fifteen census divisions. However, as a result of 1986 Census boundary changes, the total number of divisions has increased to nineteen. CD 8 split into CD's 8 and 9; CD 12 split into CD's 12 and 16; and CD 15 split into CD's 17, 18 and 19 (see 1986 Census map at the front of the publication).

### Census Metropolitan Area (CMA)

A CMA refers to the main labour market area of an urbanized core of at least 100,000 population, based on the previous census. The urbanized core, together with adjacent urban and rural areas, have a high degree of economic and social integration. CMA's are comprised of one or more Census Subdivisions (CSD's) which meet at least one of the following criteria:

1. the CSD falls completely or partly inside the urbanized core;
2. at least 50% of the employed labour force living in the CSD works in the urbanized core; or
3. at least 25% of the employed labour force working in the CSD lives in the urbanized core.

There are two CMA's in Alberta: Edmonton and Calgary.

In the 1981 Census, the Edmonton CMA included Bon Accord, Edmonton City, Fort Saskatchewan, Gibbons, Legal, Morinville, Redwater, St. Albert, Strathcona County No. 20 and Sturgeon Municipal District No. 90. In the 1986 Census, boundary changes were made resulting in the expansion of the CMA to include Leduc County No. 25 and Parkland County No. 31 with their respective component CSD's.

The Calgary CMA consisted of only Calgary City in 1981. In 1986, the CMA boundary increased to include Rocky View Municipal District No. 44 and its component CSD's, ie. Airdrie, Beiseker, Cochrane, Crossfield and Irricana.

### **Consumer Price Index (CPI)**

The Consumer Price Index is a price index which measures the percentage change through time of a constant quantity and quality of goods and services purchased by a representative Canadian urban family in a specified time period. The CPI for each city measures price changes from one time period to another within that specific city. Thus, while city CPI's show the movement of prices in each city, they do not indicate price level differences between cities, or between cities and Canada. The CPI is not a measure of true inflationary-deflationary trends; the inference of using the CPI as a measure of true inflation or deflation is incorrect. The CPI only measures percentage changes of a "basket" of commodities - not all items which contribute to inflation or deflation are included.

The city CPI's are compiled using updated weights obtained from the 1986 Family Expenditure Survey which outlines patterns of urban consumer spending behavior.

Beginning with September, 1978, Statistics Canada has made available CPI's for the provinces. The provincial CPI's may serve as good tools for users who would prefer a regional measure rather than the Canada CPI, but find the city CPI's too narrowly based for their purposes. For provinces which have more than one published city CPI, some users have chosen to combine the published city CPI's to form their own "provincial" index. The new indexes provide for even greater coverage by also using some unpublished data in most provinces.

Statistics Canada publishes CPI's for 16 cities selected from within the ten provinces, with at least one of these cities in each province. The remaining urban centres for which indexes are not published are grouped into strata by city size and location. In Alberta, for example, CPI's are published for Edmonton and Calgary (each treated as an independent stratum), while Lethbridge, Medicine Hat, Red Deer and Fort McMurray are grouped as a single stratum. The weights of the provincial CPI for Alberta will therefore be the sum of the weights for the three strata.

The weights used relate to consumer expenditure patterns in 1986. Distinct expenditure patterns are separately estimated for each urban centre stratum. The total expenditure on each commodity for all strata in the province are summed to derive the provincial expenditure pattern.

#### Alberta Expenditure Weights by Major Component:

Food	17.44%
Housing	40.68%
Clothing	8.44%
Transportation	15.46%
Health and Personal Care	3.72%
Recreation, Reading and Education	9.19%
Tobacco Products and Alcoholic Beverages	5.07%
All-Items	100.00%

Refer to Statistics Canada Catalogue No. 62-010, "Consumer Prices and Price Indexes" for more information regarding provincial CPI's.

The CPI percent change is calculated by first subtracting the current period index from the previous period index and then dividing this index point difference by the previous period index and finally multiplying the result by one hundred.

### **Dwelling Completion**

Dwelling completion is the stage at which all the proposed construction work on a dwelling unit has been performed.

### **Dwelling Start**

A dwelling start is recorded when the footing has been installed, that is, when the concrete has been poured for the whole of the footing around the structure.

## Dwelling Units

Please note, the following definitions are applicable only to data from the Survey of Starts and Completions.

### 1. Single Detached

This is commonly called a "single house." It contains only one dwelling unit which is completely separated on all sides from any other dwelling or structure.

### 2. Semi-Detached

This category includes each one of two dwellings separated by a common wall extending from ground to roof, or by a garage.

### 3. Row

This comprises only single attached houses in a row of three or more dwellings. Row-duplexes are not included in this category.

### 4. Apartment and Other

This category includes dwelling units such as:

- duplexes
- double duplexes
- triplexes
- row-duplexes
- apartments as commonly known
- dwellings over, or at the back of, a store or other non-residential structure.

## Employed

The employed labour force includes all persons who during the reference week:

1. did any work at all

2. had a job but were not at work due to:

- own illness or disability
- personal or family responsibilities
- bad weather
- labour dispute
- vacation
- other reason not specified above.

## Employment/Population Ratio

The employment/population ratio represents the number of persons employed expressed as a percentage of the population 15 years of age and over. The employment/population ratio for a particular group (age, sex, marital status, etc.) is the number employed in that group expressed as a percentage of the population for that group.

## Farm Cash Receipts

Farm cash receipts include the cash returns from the sale of all agricultural products except those associated with direct inter-farm intraprovincial transfers. Other components included are Wheat Board payments, cash advances on farm-stored crops, deferred grain receipts in Western Canada, Agriculture Stabilization Act deficiency payments, Western Grain Stabilization Act payments and provincial income stabilization payments.

## Farm Debt Outstanding

Farm debt is estimated using a calendar year-end debt outstanding figure. For institutions operating on a fiscal year ending 31-Mar, the debt outstanding at that year-end is used to represent the debt at 31-Dec of the previous year. Excluded from these figures are loans to farmers for non-farm business purposes and for personal use (household purposes). In the case of loans for automobiles, an arbitrary one half of the value of debt outstanding was included as a farm loan. Also excluded were amounts outstanding due to late payment of property tax and income tax.

### **Farm Operating Expenses and Depreciation Charges**

These estimates include farm business costs incurred by farmers regardless of whether they are paid for in cash or accumulated as new debt. As far as possible, they exclude outlays for goods and services obtained directly from other farmers. All direct subsidy payments are taken into account in order that the estimates represent only net amounts paid by farmers.

Depreciation charges are intended to approximate the replacement cost of the value of farm buildings and machinery used up in the year. Building depreciation estimates are for depreciation on farm buildings including the farm business share of houses on owner-occupied farms. Depreciation is calculated using a straight line rate of 35 percent and an expected building life of 28.5 years.

### **Gross Domestic Product at Factor Cost**

Gross Domestic Product (GDP) at Factor Cost is a measure of income accruing to the factors of production (land, labour and capital). It does not include income that accrues to the non-factor or invisible components of GDP (see GDP at Market Prices). Thus GDP at Factor Cost is derived from GDP at Market Prices by subtracting Indirect Taxes less Subsidies, plus Residual.

### **Gross Domestic Product at Market Prices**

Gross Domestic Product (GDP) at Market Prices refers to the total value of production within a given geographical area for a specific time period, and is measured in prices which prevail during the period being valued. Total production measures are based upon the earnings of the factors of production (Factor Cost) plus the non-factor costs of production (Indirect Taxes less Subsidies). GDP at Market Prices also includes an indirect measure of depreciation called Capital Consumption Allowances. Since this is a measure of production, it does not include transfer payments.

### **Gross Domestic Product at 1986 Prices**

Gross Domestic Product (GDP) at 1986 Prices is a measure of total production during a given time frame and a given geographical location which is valued in prices for some base year. For Alberta, the base year used is 1986.

### **International Trade (Refer to Appendix 1 for additional information)**

International trade statistics are compiled from administrative records filed with Customs. When goods are imported into or exported from Canada, declarations must be filed with Customs, giving such information as description and value of the goods, origin and port of clearance of commodities, and mode of transport.

Domestic Exports - include goods grown, extracted or manufactured in Alberta (including goods of foreign origin which have been materially transformed in Alberta). Exports to overseas countries are valued at F.O.B. (Free on Board) port of exit, including domestic freight charges to that point but net of discounts and allowances. As of January, 1990, exports to the U.S. are valued F.O.B. point of exit from Canada. Prior to 1990, they were valued F.O.B. place of lading net of freight charges, discounts and allowances.

Imports - import data by province of clearance indicates the province in which the goods were cleared by Customs either for immediate consumption or for entry into a bonded Customs warehouse. This may not always coincide with the province in which the goods are consumed or enter the productive process. Imports are valued F.O.B., place of direct shipment to Canada. It excludes freight and insurance costs in bringing the goods to Canada from the point of direct shipment.

### **Labour Force**

The labour force is composed of that portion of the civilian non-institutional population fifteen years of age and over who, during the reference week were either employed or unemployed.

### **Labour Income**

Labour income, comprising wages and salaries and supplementary labour income, is defined as all compensation paid to employees residing in Canada. Supplementary labour income, which is defined as payments made by employers for the future benefit of their employees, comprises employers' contributions to employee welfare and pension funds, workmen's compensation funds and unemployment insurance.

## **Migration**

Migration is defined as a permanent change of residence from one geographical unit to another.

## **Net Migration**

Net migration is the difference between in-migration and out-migration for a geographical unit.

## **New Housing Price Index**

The new housing price index measures changes in selling prices of new houses constructed by large and medium volume builders in metropolitan areas. The houses sampled are representative of the total being sold at that time but adjustments are made for changes in physical characteristics to arrive at pure price change. Prices used are the selling prices agreed upon between builder and buyer at the time of signing the contract. Prices relate to mid-month. The total index includes the house and the serviced lot on which it stands.

## **Newly Completed and Unoccupied Dwellings**

Newly completed unoccupied dwellings are those which are not sold or rented at the time the dwellings are reported as completed in the Survey of Starts and Completions. The units are surveyed every month until they are sold or rented.

## **Participation Rate**

The participation rate represents the labour force as a percentage of the population fifteen years of age and over. The participation rate for a particular group (age, sex, marital status, etc.) is the labour force in that group expressed as a percentage of the population for that group.

## **Personal Disposable Income**

Personal Disposable Income consists of total personal income less personal direct taxes and other current transfers to government from persons.

## **Personal Income**

Personal Income includes all forms of income received by persons and unincorporated businesses:

1. wages, salaries and supplementary labour income
2. military pay and allowances
3. net income of non-farm businesses including rent
4. net income of farm operators from farm production
5. interest, dividends and miscellaneous investment income
6. transfer payment income from government, corporations and non-residents.

## **Prime Rate**

The Chartered Banks' Rate on Prime Business Loans is the rate charged to the most credit-worthy borrowers. The rate shown is of the last Wednesday of the month. When there are differences in the rate charged by individual banks, the most typical rate or rates are taken.

## **Private and Public Investment**

Private and Public Investment consists of total outlays for construction and for the acquisition of producers' machinery and equipment by Canadian business, institutions and governments, together with expenditures for housing. Capital expenditures include the cost of procuring, constructing and installing new durable plant and machinery, whether for replacement of worn or obsolete assets, or as net additions to existing assets. Repair expenditures represent the non-capitalized outlays made to maintain the operating efficiency of the existing stock of durable physical assets.

### **Retail Trade (Refer to Appendix 2 for additional information)**

Retail trade is defined as the aggregate sales made through retail locations (outlets). Retail trade estimates do not include any form of direct selling which bypasses the retail store, for example: direct door to door selling; sales made through automatic vending machines; sales of newspapers or magazines sold directly by printers or publishers; and sales made by book and record clubs. Retail trade excludes: retail sales through ancillary units, for example, warehouses, head offices, etc.; sales of contractors whose major activity is not retailing; and retail transactions between individuals.

### **Seasonal Adjustment**

Fluctuations in economic time series are caused by seasonal, cyclical and irregular movements. A seasonally-adjusted series is one from which seasonal movements have been eliminated. Seasonal movements are defined as those which are caused by regular annual events such as climate, crop cycles, holidays and vacation periods, grain receipts in Western Canada, deficiency payments made by provincial governments and the agriculture stabilization board and provincial income stabilization payments.

### **Taxation Statistics**

Taxation Statistics are based on individuals that have filed tax returns with Revenue Canada, Taxation. Allocation of income is on the basis of the taxfiler's address at the time of filing. These figures should not be used to arrive at a per capita personal income figure for the province or sub-provincial areas for the following reasons:

1. Some individuals (e.g. students) who have earned small amounts of income during a year may not file a return with Revenue Canada
2. Some taxfilers may not report all income received, i.e., understate their income
3. Imputed income is not included in taxation statistics, e.g., free room and board, clothing, etc. provided to employees.

### **Typical Mortgage Rate**

The typical mortgage rate is the rate charged by chartered banks on either 1 year or 5 year mortgages. Monthly data refer to the last Wednesday of the month.

### **Unemployed**

The unemployed includes those persons who during the reference week:

1. were without work, had actively looked for work in the past four weeks (ending with reference week) and were available for work
2. had not actively looked for work in the past four weeks but had been on layoff for twenty-six weeks or less and were available for work
3. had not actively looked for work in the past four weeks but had a new job to start in four weeks or less from reference week, and were available for work.

### **Unemployment Rate**

The unemployment rate represents the number of unemployed persons as a percent of the labour force. The unemployment rate for a particular group (age, sex, marital status, etc.) is the unemployment in that group expressed as a percent of the labour force for that group.

### **Value of Construction Work Purchased**

The Value of Construction Work Purchased consists of the total value of output of both the construction industry and construction labour forces in other industries. Also included are related construction costs which are accumulated during the creation of a structure. Examples include pre-construction planning and design, management, legal and real estate fees, interest during construction, etc.

### **Value of Farm Capital**

Land and Buildings - value of land and buildings is an estimate of the value of real estate used for agricultural purposes or the value of real estate used for agricultural production located on one acre or more and with gross sales greater than \$250.

implements and Machinery - value reported at its market value, which is the value the machinery would have in its present condition in an auction sale.

### **Value of Manufacturing Shipments**

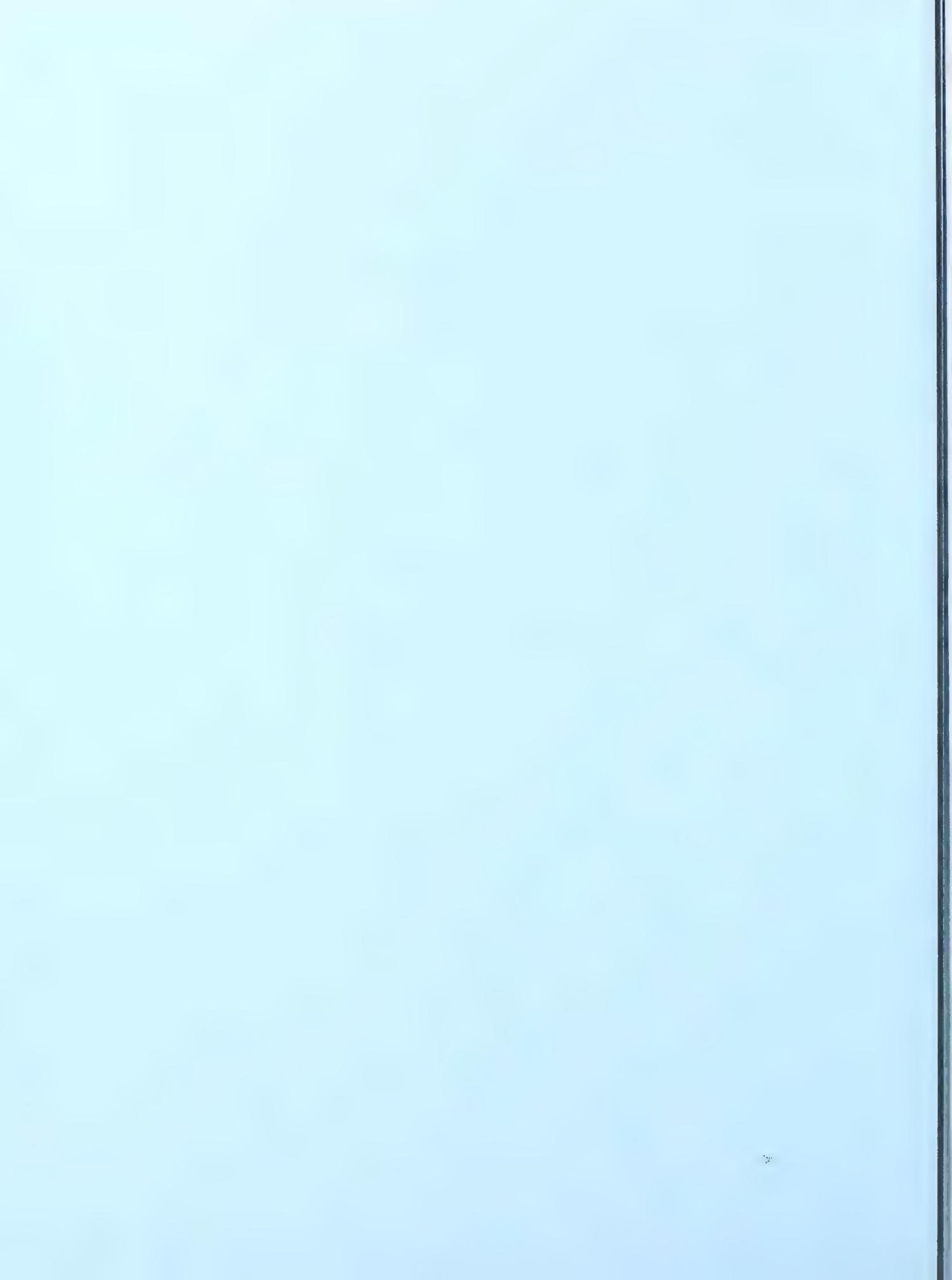
Value of manufacturing shipments is defined as the gross value of goods produced from its own materials by the reporting establishment, or for its account. Value is net of discounts, returns and allowances, sales tax, excise taxes and duties, returnable containers and common or contract carriers' charges for outward transportation (but not of own carriers' delivery expense). Shipment values in this publication are monthly projections of annual census of manufacturers' values based on returns from a stratified systematic sample of manufacturing establishments.

### **Wells Drilled - Type Of**

Development - developmental drilling takes place within a proven or established area of an oil reservoir to a depth known to be productive.

Exploration - exploratory drilling refers to locating oil fields or pools, or testing for new fields or pools, in areas that have not been designated as producing areas.

# **APPENDICES**



## **APPENDIX 1**

### Changes to Collection of Export Data by Statistics Canada

Statistics Canada, the United States Bureau of the Census and the Customs Agencies of Canada and the United States signed a Memorandum of Understanding to exchange import data. Starting with January, 1990 data, Statistics Canada will no longer publish statistics on exports to the United States based on Canadian export documents. Instead, it will rely on American imports from Canada as compiled by the United States Bureau of the Census. Likewise, the United States Bureau of the Census will also be replacing its exports to Canada statistics with Canadian imports from the United States data as compiled by Statistics Canada.

As a result of the data exchange, users of Canadian export data (on a Customs basis) will observe higher values for most of the commodity categories concerning the United States. The changes are attributable to:

1. Improved coverage - import documents are subject to more rigorous control than exports due to the management of tariffs and the enforcement of trade agreements.
2. Valuation of products exported to the United States on a F.O.B. (Free On Board) port of exit basis - as compared to a F.O.B. place of lading basis prior to 1990. Thus Canadian exports to all countries will be on the same basis.
3. Inclusion of the U.S. Virgin Islands and Puerto Rico with Canadian/United States trade - these territories were published as separate entities prior to 1990.

## APPENDIX 2

### Changes to the Retail Trade Survey Conducted by Statistics Canada

Current estimates of consumer spending result from a monthly survey designed and introduced in 1972. The survey has come to underestimate by a significant margin the total value of sales. A new survey has been developed and conducted in "parallel" to the old survey since the January, 1989 reference month. Information obtained from the parallel survey is being used to develop historical statistics for the new survey trade groups. These estimates, dating back to January, 1981 will be available later in 1990.

The major changes introduced with the new survey are:

1. The new survey relies on a new and up-to-date business register from which names and addresses of retail businesses are drawn. New procedures allow the register to be updated more promptly and accurately in terms of new companies, firms going out of business and companies making changes in the nature of their activities.
2. The new survey is based upon the 1980 version of the Standard Industrial Classification and the 1986 version of the Standard Geographical Classification. Previously, three different codes were used: 1960, 1970 and 1980. Retail trade is the first series to use the new business register. Statistics Canada plans to eventually use the new register for all business surveys (eg. the employment, earnings and hours survey). Increased efficiency in updating the register as well as consistent classification of components should lead to better data quality within series and improved comparability with other surveys.
3. Estimates are produced for 16 (a reduction from 28 in the old survey) trade groups for Canada and total retail sales for the provinces and territories. Statistics Canada hopes to publish estimates of trade groups by province and total retail sales for selected major metropolitan areas towards the end of 1990.



